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ESTABLISHED
1875

ONE OF
**AMERICA'S FOREMOST
NURSERIES**

**SPRING
WHOLESALE
TRADE LIST**

February 12, 1944

WE SUGGEST
EARLY RESERVATIONS

Phones 384-385
Wire Western Union

**53rd YEAR
OF
ACTIVE SERVICE**
by E. Welch
PRESIDENT

MOUNT ARBOR NURSERIES
SHENANDOAH, IOWA

Terms and Conditions of Sale

TERMS—2% Discount for cash if paid on or before 10th of month following date of invoice, and is due NET 30 days thereafter. Interest charged on past due accounts.

These terms are offered to those with established credit; otherwise cash, security, or satisfactory references. C. O. D. orders must be accompanied by one-fourth cash.

PRICES named in this list are based upon present market conditions and are subject to change without notice. These are Wholesale Prices and apply upon the following quantities:

**FRUIT TREES, SHADE TREES, SHRUBS, ROSES, VINES, PERENNIALS
(INCLUDING PEONIES AND LILIES):**

300 or more at 1,000 rate (where published)
30 to 300 at 100 rate
Under 30 at 10 rate

All grades and varieties in any one class allowed to make total. For example:
All Fruit Trees are considered one class, all shrubs one class, etc.

SMALL FRUITS, HEDGING, PRIVET, AND ALL SEEDLINGS:

300 of same variety and grade at 1,000 rates
Under 300 of same variety and grade at 100 rate

EVERGREENS, B & B

30 trees (any assortment) at 100 rate
5 trees (any assortment) at 10 rate

FALL AND SPRING BULBS

300 or more bulbs (not less than 50 of any one variety) at 1,000 rate
Under 300 bulbs at 100 rates

Note:—Classifications as given above are understood to be as listed under general headings in price list. (Broken lots of less than 10 of any one variety and grade will be billed at 20% above 10 rate.)

ALL PRICES ARE NET, BOXING AND BALING EXTRA; NO CHARGE FOR PACKING BULK CARS.

SHIPPING—Please give shipping instructions whether by freight or express and route. If no instructions are given we will forward to the best of our judgment, without assuming responsibility. All goods travel at the purchaser's risk and expense.

TRUCK SERVICE—We are able to offer truck service within a radius of 300 to 500 miles from Shenandoah. Charges average about the same as railroad rates with delivery at your door. If interested write for further information.

CAUTION—We accept all orders subject to crop conditions and on condition that same shall be void should injury befall our stock from hail, fire, frost, error in count or other causes beyond our control. All contracts are subject to war priorities on materials, transportation and other causes arising that may limit, restrict or make impossible performance thereunder.

GUARANTEE OF GENUINENESS—If any nursery stock proves untrue to description or variety name under which it is sold, we hold ourselves in readiness, on proper proof, to replace such nursery stock that may prove untrue to description or name, or refund the original amount paid. We shall in no case be liable for any sum greater than the amount originally received for said nursery stock.

Claims for any cause must be made promptly on receipt of stock. We will not entertain claims after goods have been once accepted, or when report is not made within Ten Days after arrival of stock. We express or imply no warranty as to the productiveness or life of the nursery stock we sell and will not be in any way responsible for the results secured in transplanting.

SPECIAL NOTICE—Correspondents are requested to use their printed business letterheads. We do not quote prices to retail buyers. We use every effort to limit the distribution of trade prices to those whom we know to be entitled to receive them.

FEBRUARY 12, 1944

MOUNT ARBOR NURSERIES

E. S. WELCH, Pres.

H. S. WELCH, Vice-Pres.

R. M. GWYNN, Secy.-Treas.

Due to our limited supply of most varieties of fruit trees and small fruits, we do not have many varieties that we can offer, only in limited assortment with orders requiring a general line of nursery stock, including ornamentals.

HEIGHT AND CALIPER—Height given of fruit trees is approximate and represents average height of most varieties. Some slow growing kinds may fall short of height specified as it is intended that THE CALIPER SHALL GOVERN.

All Fruit Trees are tied 11-16 and 9-16, 10 per bundle; 7-16 and 5-16, 20 per bundle.

APPLE and CRAB

Per 10 Per 100 Per 1000

First Class, 11-16 to 7/8-inch, 4½ feet and up	\$5.50	\$50.00	\$450.00
" " 9-16 to 11-16, 4 feet and up	4.70	42.00	380.00
" " 7-16 to 9-16, 3 feet and up	3.50	30.00	
" " 5-16 to 7-16, 2 feet and up	2.90	25.00	
" " 7/8-inch and up, 5 feet and up	6.00	55.00	

*Anoka ✓	Hibernal ✓	*Red June ✓
Banana ✓	Hyslop Crab ✓	Red Siberian Crab ✓
Ben Davis ✓	*Joan ✓	Rome Beauty ✓
Black Ben Davis ✓	*Jonathan ✓	Rome Beauty Red ✓
Chenango ✓	*Jonathan Dark Red ✓	Sharon ✓
*Cortland ✓	Kendall ✓	Stayman Red ✓
*Delicious ✓	Liveland ✓	Stayman Winesap ✓
*Delicious Dark Red ✓	Macoun ✓	Sweet Russett Crab ✓
*Delicious Yellow ✓	Maiden Blush ✓	Tolman Sweet ✓
*Dolgo ✓	Mam. Black Twig ✓	Transcendent Crab ✓
Duchess ✓	McIntosh ✓	Turley ✓
*Duchess Red ✓	McIntosh, Black Mickey ✓	*Virginia Crab ✓
Early Harvest ✓	McIntosh Early ✓	*Wealthy ✓
*Edgewood ✓	Milton ✓	Wedge ✓
*Fameuse ✓	Northern Spy ✓	Whitney Crab ✓
Flame Crab (Minn. No. 635) ✓	Northern Spy Red ✓	Windsor Chief ✓
Florence Crab ✓	N. W. Greening ✓	Winesap ✓
Forest Winter ✓	Pewaukee ✓	*Winesap Crimson ✓
Golden Russet ✓	Prairie Spy (Minn. No. 1007) ✓	*Yellow Transparent ✓
Haralson ✓	*Ramsdell Sweet ✓	York Imperial ✓
Hawkeye Greening ✓		

Varieties starred () can be furnished in budded trees

APPLE—Top Worked**On Hibernal and Virginia Crab**

	Per 10	Per 100	Per 1000
Three Year, 11-16 and up, 3½ feet and up	\$10.00	\$90.00	\$
" " 9-16 to 11-16, 3 feet and up	8.50	80.00	
On Hibernal	On Virginia	On Virginia	
Delicious Dark Red	Delicious Dark Red	Grimes Golden	
Delicious Yellow	Delicious Yellow	Jonathan	

CHERRIES—Sour—On Mahaleb

	Per 10	Per 100	Per 1000
Two Years, 11-16 to 1-inch, 4 feet and up	\$8.00	\$75.00	\$
" " 9-16 to 11-16, 3½ feet and up	7.00	65.00	
" " 1 to 1¼ inch, 5 feet and up	9.00	85.00	
*Early Richmond	*Montmorency Large		

	Per 10	Per 100	Per 1000
One Year, 9-16 to 11-16, 3 feet and up	\$7.00	\$65.00	\$
" " 7-16 to 9-16, 2½ feet and up	5.50	50.00	
" " 5-16 to 7-16, 2 feet and up, whips and branched	4.50	40.00	
" " 18 to 24 inches, under 5-16, mostly whips	2.90	25.00	

Early Richmond

Montmorency Large

CHERRIES—Sweet

	Per 10	Per 100	Per 1000
One Year on Mahaleb.			
7-16 to 9-16, 3 feet and up, whips and branched	\$6.50	\$60.00	\$
5-16 to 7-16, 2½ feet and up, whips	5.50	50.00	
Black Tartarian	Lambert	Windsor	
Gov. Wood	Napoleon	Yellow Glass	
	Schmidts Big		

HANSEN'S BUSH CHERRY

	Per 10	Per 100	Per 1000
Improved besseyi, 12 to 18 inches, transplants	\$1.70	\$14.00	\$
" " 18 to 24 inches, transplants	2.10	18.00	
" " 2 to 3 feet, transplants	2.50	22.00	

PEACH

	Per 10	Per 100	Per 1000
One Year, 7-16 to 9-16, 3 feet and up	\$4.50	\$40.00	\$
" " 5-16 to 7-16, 2 feet and up	3.50	30.00	
" " 2 to 3 feet, under 5-16	2.50	22.00	
" " 18 to 24 inches, under 5-16	2.10	18.00	

Belle of Georgia
 Champion
 Delicious
 Early Elberta
 Elberta
 Elberta Cling

Gold Drop
 Golden Jubilee
 Halehaven
 Heath Cling
 J. H. Hale
 Mikado

Mixon Cling
 Polly
 Rochester
 Valiant
 Vedette
 Veteran

QUINCE

	Per 10	Per 100	Per 1000
5% and up	\$8.00	\$75.00	\$
Champion			

Orange

MULBERRY

	Per 10	Per 100	Per 1000
Russian, 6 to 8 feet, branched	\$5.00	\$45.00	\$

SMALL FRUITS**GRAPE VINES—Western New York Grown**

	Per 100	Per 1000
Tied, 2 year, 50; No. 2, 100, per bundle		
Brighton, dark red, 2 years, No. 1	\$14.00	\$
" " 2 years, No. 2	10.00	
Catawba, red, 2 years, No. 1	12.00	
" " 2 years, No. 2	9.00	
Concord, black, 2 years, No. 1	10.00	
" " 2 years, No. 2	8.00	
Delaware, red, 2 years, No. 1	14.00	
" " 2 years, No. 2	10.00	
Diamond, white, 2 years, No. 1	14.00	
" " 2 years, No. 2	10.00	
Fredonia, new, early, black, valuable, 2 years, No. 1	14.00	
" " " " 2 years, No. 2	10.00	
Moore's Early, black, 2 years, No. 1	14.00	
" " " " 2 years, No. 2	10.00	
Portland, white, 2 years, No. 1	14.00	
" " 2 years, No. 2	10.00	
Worden, black, 2 years, No. 1	12.00	
" " 2 years, No. 2	9.00	

CURRENTS

Tied, No. 1, 25; No. 2, 50 per bundle

	Per 100	Per 1000
Fay's Prolific, dark red, 2 years, No. 2	\$10.00	\$ 90.00
Perfection, bright red, 2 years, No. 1	16.00	140.00
" " " 2 years, No. 2	13.00	110.00
Red Lake, light red, 2 years, No. 1	20.00	
" " " 2 years, No. 2	15.00	
Wilder, dark red, 2 years, No. 1	12.00	
" " " 2 years, No. 2	9.00	

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SMALL FRUITS—Continued

RASPBERRIES

Tied 25 per bundle	Per 100	Per 1000
Columbian, purple, tips	\$ 4.50	\$ 40.00
Cumberland, black, tips	4.00	35.00
Logan, black, tips	4.00	35.00
Newburg, red, suckers, No. 1	4.50	40.00
Sodus, purple, tips	5.50	50.00
Taylor, red, suckers, No. 1	5.00	---

Washington (New), red, suckers, No. 1	4.50	40.00
Valuable commercial variety recently introduced in the State of Washington, and is highly recommended as an abundant producer of high quality fruit suitable for freezing, canning or for the fresh market. Almost everbearing.		

MISCELLANEOUS BERRIES

	Per 100	Per 1000
Boysenberry, tip plants, No. 1	\$ 7.00	\$ 60.00
Lucretia Dewberries, R. C. Plants, No. 1	3.50	30.00
Youngeberry, tip plants, No. 1	5.50	50.00
“ R. C. plants, No. 1	6.50	60.00

MISCELLANEOUS

	Per 100	Per 1000
Horseradish, Cuttings	\$ 2.40	\$ 20.00
“ Crowns	5.50	50.00

	Per 10	Per 100
Rhubarb, Chipman's Red, grown from divisions	\$ 5.50	\$ 50.00
Rhubarb, McDonald, grown from divisions	4.00	35.00

FRUIT TREE STOCKS

Regret we are unable to offer.

PEACH PITS, California Lovells, F. O. B. Shenandoah, Iowa.	
1943 crop, averaging 4300 pits per 50-lb. bu.	\$3.00 per bu.

DECIDUOUS TREES and ORNAMENTAL SEEDLINGS

Our seedlings are graded not only by height but particular attention is given to caliper, which insures a strong grade.

Tied 3-4 ft. and up, 25; 2-3 ft., 50; 18-24 and smaller, 100 per bundle.

ASH, GREEN, <i>Fraxinus lanceolata</i>	Per 100	Per 1000
6 to 12 inches	\$ 0.60	\$ 5.00
12 to 18 inches	.90	8.00
18 to 24 inches	1.30	11.00
2 to 3 feet	1.80	15.00
3 to 4 feet	2.40	20.00
4 to 5 feet	2.90	25.00
5 to 6 feet	5.50	50.00
6 to 8 feet	7.50	---

ASH, WHITE, *Fraxinus americana*

12 to 18 inches	.90	8.00
18 to 24 inches	1.40	12.00
2 to 3 feet	1.80	15.00
3 to 4 feet	2.40	20.00
4 to 5 feet	3.00	28.00
5 to 6 feet	5.50	50.00
6 to 8 feet	7.50	---

DECIDUOUS TREES AND ORNAMENTAL SEEDLINGS—Continued

		Per 100	Per 1000
BOX ELDER, <i>Acer negundo</i>			
2 to 3 feet	-----	\$ 2.10	\$ 18.00
BUCKTHORN, <i>Rhamnus cathartica</i>			
6 to 12 inches	-----	1.20	10.00
12 to 18 inches	-----	1.70	14.00
18 to 24 inches	-----	2.50	22.00
2 to 3 feet	-----	3.50	30.00
3 to 4 feet	-----	5.00	45.00
CARAGANA arborescens, Siberian Pea-Tree			
6 to 12 inches	-----	.90	8.00
12 to 18 inches	-----	1.40	12.00
18 to 24 inches	-----	1.90	16.00
CATALPA Speciosa, Western Catalpa			
6 to 12 inches	-----	.50	4.50
12 to 18 inches	-----	.90	8.00
18 to 24 inches	-----	1.40	12.00
2 to 3 feet	-----	1.90	16.00
ELM, AMERICAN WHITE, <i>Ulmus americana</i>			
6 to 12 inches	-----	.60	5.00
12 to 18 inches	-----	.90	8.00
18 to 24 inches	-----	1.40	12.00
2 to 3 feet	-----	1.90	16.00
3 to 4 feet	-----	2.40	20.00
4 to 5 feet	-----	3.50	30.00
5 to 6 feet	-----	5.50	50.00
ELM, CHINESE, <i>Ulmus pumila</i>			
6 to 12 inches	-----	.60	5.00
12 to 18 inches	-----	.90	8.00
18 to 24 inches	-----	1.40	12.00
2 to 3 feet	-----	1.90	16.00
3 to 4 feet	-----	2.50	22.00
4 to 5 feet	-----	3.50	30.00
5 to 6 feet	-----	5.50	50.00
6 to 8 feet	-----	8.00	70.00
HACKBERRY, <i>Celtis occidentalis</i>			
12 to 18 inches	-----	1.70	-----
18 to 24 inches	-----	2.40	-----
2 to 3 feet	-----	3.20	28.00
3 to 4 feet	-----	4.50	40.00
4 to 5 feet	-----	6.50	60.00
5 to 6 feet	-----	9.00	-----
LOCUST HONEY, <i>Gleditsia triacanthos</i>			
18 to 24 inches	-----	1.90	16.00
Thornless, inermis, 12 to 18 inches	-----	1.70	14.00
LOCUST, BLACK or YELLOW, <i>Robinia pseudoacacia</i>			
6 to 12 inches	-----	.60	5.00
12 to 18 inches	-----	.90	8.00
18 to 24 inches	-----	1.40	12.00
2 to 3 feet	-----	1.80	15.00
3 to 4 feet	-----	2.60	22.00
MAPLE SILVER LEAVED, <i>Acer dasycarpum</i>			
6 to 12 inches	-----	.50	4.50
12 to 18 inches	-----	.90	8.00
18 to 24 inches	-----	1.40	12.00
2 to 3 feet	-----	2.10	18.00
3 to 4 feet	-----	3.50	30.00

DECIDUOUS TREES AND ORNAMENTAL SEEDLINGS—Continued**MULBERRY, RUSSIAN, *Morus tatarica***

Per 100 Per 1000

6 to 12 inches.....	\$ 0.50	\$ 4.50
12 to 18 inches.....	1.10	9.00
18 to 24 inches.....	1.70	14.00
2 to 3 feet.....	2.10	18.00
3 to 4 feet.....	2.90	25.00

OAK, Bur, *Quercus macrocarpa*

9 to 12 inches.....	3.50	30.00
12 to 18 inches.....	4.50	40.00
18 to 24 inches.....	5.50	50.00

Pin, *Quercus palustris*

9 to 12 inches.....	2.90	25.00
12 to 18 inches.....	4.00	35.00
18 to 24 inches.....	6.50	55.00
2 to 3 feet.....	8.50	75.00
3 to 4 feet.....	12.00	100.00
4 to 5 feet.....	16.00	140.00
5 to 6 feet.....	22.50	200.00

Red, *Quercus rubra*

9 to 12 inches.....	4.00	35.00
12 to 18 inches.....	5.00	45.00
18 to 24 inches.....	7.50	65.00
2 to 3 feet.....	11.00	90.00
3 to 4 feet.....	14.00	120.00
4 to 5 feet.....	20.00	-----
5 to 6 feet.....	28.00	-----

Scarlet, *Quercus coccinea*

9 to 12 inches.....	4.00	35.00
12 to 18 inches.....	5.00	45.00
18 to 24 inches.....	7.50	65.00
2 to 3 feet.....	11.00	90.00

OAK—Continued**White, *Quercus alba***

9 to 12 inches.....	4.00	35.00
12 to 18 inches.....	5.00	45.00
18 to 24 inches.....	7.50	65.00
2 to 3 feet.....	10.00	-----
3 to 4 feet.....	15.00	-----

OSAGE ORANGE, *Maclura pomifera*

6 to 12 inches.....	.50	4.00
18 to 24 inches.....	1.20	10.00
2 to 3 feet.....	1.70	14.00

RUSSIAN OLIVE, *Elaeagnus angustifolia*

4 to 5 feet.....	5.50	50.00
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DECIDUOUS TREES

Our Shade and Ornamental Trees are first class, well shaped, young and vigorous nursery grown trees with good roots. They have been grown from seedlings transplanted in nursery row especially for this purpose.

All calipers taken 6 inches above the collar.

ASH, American White, *Fraxinus alba*

Tall growing, valuable tree for street and park planting.

	Per 10	Per 100	Per 1000
5 to 6 feet	\$3.50	\$30.00	\$
6 to 8 feet	5.50	50.00	
8 to 10 feet	8.00	75.00	
1½ to 2 inches	12.00	110.00	

European, *Fraxinus excelsior*, 100 ft.

Tall growing with spreading habit; dark green foliage.

5 to 6 feet	4.00		
6 to 8 feet	6.50		
8 to 10 feet	9.00	85.00	
1½ to 2 inches	12.50		

Green, *Fraxinus lanceolata*, 50-60 ft.

Thrives over a wide territory. Especially valuable for planting in high altitudes and dry cold climates. Succeeds everywhere. Valuable on the farm.

5 to 6 feet	3.20	28.00	
6 to 8 feet	5.00	45.00	
8 to 10 feet	7.50	70.00	
1½ to 2 inches	11.00	100.00	
2 to 2½ inches	18.00	165.00	
2½ to 3 inches	25.00	225.00	

BIRCH, Cutleaf Weeping, *Betula laciniata*, 30-40 ft.

A graceful, white barked tree with drooping limbs and cutleaf foliage. Highly recommended for lawn and park planting.

5 to 6 feet, Balled in Moss	12.00	110.00	
6 to 8 feet, " " "	16.00	150.00	
8 to 10 feet, " " "	20.00		

European White, *Betula alba*, 30-40 ft.

A hardy attractive tree with white bark.

5 to 6 feet	6.50	60.00	
6 to 8 feet	8.50	80.00	
8 to 10 feet	12.00	110.00	
1¼ to 1½ inches	14.00	130.00	
1½ to 1¾ inches	16.50	150.00	
1¾ to 2 inches	20.00	190.00	
2 to 2½ inches	27.50	250.00	

BOX ELDER, See Maple.**CATALPA, Western *Catalpa, speciosa*, 30-35 ft.**

Well known hardy tree. White flowers, May-June.

5 to 6 feet, whips	3.50	30.00	
6 to 8 feet, whips	4.50	40.00	
8 to 10 feet, whips	6.50		
1½ to 2 inches, whips	8.50		

CRAB, Flowering *Malus*, 12-20 ft.

The following varieties of flowering crabs are valuable, producing attractive flowers and fruit.

3 to 4 feet	5.50	50.00	
4 to 5 feet	6.50	60.00	
5 to 6 feet	9.00	85.00	

Bechtel, *ioensis plena*, 12-15 ft.

A beautiful double pink, flowering crab with fragrant flowers. May-June.

Sargent Crab, *sargentii*, 6-8 ft.

Dwarf low growing, spreading variety with rigid branches producing an abundance of light colored flowers with bright yellow anthers followed by scarlet fruit.

Parkman, *hallsiana parkmani*, 12-15 ft.

Semi-double, pink flowers on long stems. Compact habit of growth. Dwarf. April-May.

DECIDUOUS TREES—Continued**CRAB, Flowering Malus. 15-30 ft.—Continued**

CRAB, Flowering Malus. 15-30 ft.	Per 10	Per 100	Per 1000
3 to 4 feet.....	\$4.50	\$40.00	\$
4 to 5 feet.....	5.50	50.00	.....
5 to 6 feet.....	7.00	65.00	.....
6 to 7 feet.....	9.00	.....	.....

Baccata, Siberian Crab. 20-30 ft.

Large pure white, fragrant flowers. Scarlet fruit on long stems.

Coronaria, wild sweet crab. 25-30 ft.

White with pink flowers, delightfully fragrant. Native American species.

Floribunda, Japanese flowering crab. 25-30 ft.

Pink buds, rosy-white flowers, small yellow fruit. Early.

Hopa, Red Flowering Crab. 20-25 ft.

A beautiful, upright growing tree with attractive foliage. Entirely covered with crimson buds opening to rose colored flowers in April. Fruit red inside and out, hanging on until late Autumn. Very hardy and free from disease. Planted extensively.

Prairie Crab, ioensis. 15-20 ft.

Native, usually on low lands. Single pink flowers in May. Hardy.

Red Silver. 18-20 ft.

Fruit rich maroon red, foliage somewhat cut-leaved with silver and red color. A remarkable combination.

Tea Crab, theifera. 18-20 ft.

An artistic crab, sparse, irregular branches covered with pink flowers.

ELM—American White, Ulnus americana, 60-100 ft.

The most popular American tree for street and general planting.

	Per 10	Per 100	Per 1000
4 to 5 feet.....	\$2.50	\$22.00	\$
5 to 6 feet.....	3.50	30.00	.....
6 to 8 feet.....	5.50	50.00	.....
8 to 10 feet.....	7.50	70.00	.....
1¼ to 1½ inches.....	9.00	85.00	.....
1½ to 1¾ inches.....	13.00	120.00	.....
1¾ to 2 inches.....	16.50	150.00	.....
2 to 2½ inches.....	22.00	200.00	.....
2½ to 3 inches.....	28.00	250.00	.....
3 to 3½ inches.....	38.50	350.00	.....

Chinese, pumila, 40-50 ft.

A hardy, rapid grower. Slender branches, compact habit of growth with small attractive leaves. Highly recommended for dry climate.

5 to 6 feet.....	3.20	28.00	250.00
6 to 8 feet.....	5.00	45.00	400.00
8 to 10 feet.....	6.50	60.00	550.00
1¼ to 1½ inches.....	7.50	70.00	.....
1½ to 2 inches.....	11.00	100.00	.....
2 to 2½ inches.....	17.50	160.00	.....
2½ to 3 inches.....	25.00	225.00	.....

DECIDUOUS TREES—Continued

CHINESE ELM

Root Pruned Trees

Have been grown in wide rows and thinned out to develop branched tops. All have been root pruned to secure a branched root system, and they will be graded by caliper and height. Are good value.

	Per 10	Per 100	Per 1000
4 to 5 feet, 7-16 to 9-16 inches	\$1.40	\$12.00	\$100.00
5 to 6 feet, 9-16 to 11-16 inches	2.10	18.00	160.00
6 to 8 feet, 11-16 to 7-8 inches	2.90	25.00	220.00
8 to 10 feet, 7-8 to 1 inch	4.00	35.00	320.00
1¼ to 1½ inches	5.00	45.00	400.00
1½ to 2 inches	7.00	65.00	-----

English, *campestris*, 75-100 ft.

Spreading branches forming a broad, round topped head.

5 to 6 feet	7.50	70.00	-----
6 to 8 feet	10.00	90.00	-----
8 to 10 feet	13.50	125.00	-----
1¼ to 1½ inches	16.50	-----	-----
1½ to 1¾ inches	20.00	-----	-----
1¾ to 2 inches	25.00	-----	-----
2 to 2½ inches	30.00	-----	-----

Lake City, 70-90 ft.

Upright, closely branched type of American Elm, suitable for street and boulevard planting. Highly recommended.

8 to 10 feet	10.00	-----	-----
1¼ to 1½ inches	12.50	-----	-----
1½ to 1¾ inches	16.00	-----	-----
1¾ to 2 inches	20.00	-----	-----
2 to 2½ inches	25.00	-----	-----

Moline Elm, 80-100 ft.

A pyramidal, vigorous growing variety with large, handsome green foliage. Fine tree for street and drive planting.

8 to 10 feet	11.00	100.00	-----
1¼ to 1½ inches	13.00	120.00	-----
1½ to 1¾ inches	17.50	160.00	-----
1¾ to 2 inches	20.00	185.00	-----
2 to 2½ inches	26.00	235.00	-----
2½ to 3 inches	32.50	300.00	-----

Vase Elm, 80-100 ft.

An American Elm with vase formation of limbs. Uniform type, rapid grower. Distinct improvement.

8 to 10 feet	11.00	100.00	-----
1¼ to 1½ inches	13.00	120.00	-----
1½ to 1¾ inches	17.50	160.00	-----
1¾ to 2 inches	20.00	185.00	-----
2 to 2½ inches	25.00	235.00	-----
2½ to 3 inches	32.50	-----	-----

HACKBERRY, *Celtis occidentalis*, 50 ft.

A valuable shade tree of rapid spreading growth. Limbs seldom broken by wind.

5 to 6 feet	4.50	40.00	-----
6 to 8 feet	6.50	60.00	-----
8 to 10 feet	10.00	90.00	-----
1½ to 2 inches	15.00	135.00	-----
2 to 2½ inches	22.00	200.00	-----
2½ to 3 inches	30.00	275.00	-----

DECIDUOUS TREES—Continued

HONEYLOCUST, *Gleditsia triacanthos*, 50-60 ft.

A thorny tree with attractive pinnate leaves. Fragrant white flowers in May. Long lived, hardy tree. Succeeds on most any kind of soil. Not affected by borers or drought.

	Per 10	Per 100	Per 1000
5 to 6 feet.....	\$4.50	\$40.00	\$
6 to 8 feet.....	6.50	60.00	.....
8 to 10 feet.....	9.00	85.00	.....
1½ to 2 inches.....	15.00	135.00	.....
2 to 2½ inches.....	25.00	225.00	.....
2½ to 3 inches.....	32.50	.....	.....

Thornless, *Gleditsia triacanthos inermis*, 50-60 ft.

A variety of *Triacanthos* without thorns.

5 to 6 feet.....	5.50	50.00	.....
6 to 8 feet.....	8.00	75.00	.....
8 to 10 feet.....	11.00	100.00	.....
1½ to 2 inches.....	16.50	150.00	.....
2 to 2½ inches.....	30.00	.....	.....

HORSE CHESTNUT, *Aesculus glabra*, Ohio Buckeye, 18-22 ft.

A small tree having long, slim, smooth leaves, greenish-yellow flowers.

4 to 5 feet.....	7.50
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KENTUCKY COFFEETREE, *Gymnocladus dioica*, 50-70 ft.

Light blue green fern-like foliage. Very picturesque even in winter. White flowers, June.

4 to 5 feet.....	5.50	50.00	.....
5 to 6 feet.....	8.00	75.00	.....
6 to 8 feet.....	11.00	100.00	.....
8 to 10 feet.....	15.00	135.00	.....
1½ to 2 inches.....	19.00	175.00	.....
2 to 2½ inches.....	25.00	.....	.....

LINDEN, American, *Tilia americana*, 60-90 ft.

Rapid growing tree. Large glossy leaves, fragrant yellow flowers, June.

5 to 6 feet.....	6.50	60.00	.....
6 to 8 feet.....	8.50	80.00	.....
8 to 10 feet, 1¼ to 1½ inches.....	11.00	100.00	.....
1½ to 2 inches.....	15.00	135.00	.....
2 to 2½ inches.....	20.00	185.00	.....
2½ to 3 inches.....	27.50	250.00	.....
3 to 3½ inches.....	35.00	.....	.....

Cordata, Littleleaf European Linden, 70 ft.

Very small leaves and desirable habit of growth.

4 to 5 feet.....	5.50	.....	.....
5 to 6 feet.....	8.00	75.00	.....
6 to 8 feet.....	11.00	100.00	.....
2 to 2½ inches.....	30.00	.....	.....

Platyphyllos, Big Leaf European Linden. 60-70 ft.

Large leaved European Linden making a large, symmetrical tree.

5 to 6 feet.....	6.00	55.00	.....
6 to 8 feet.....	8.50	80.00	.....
8 to 10 feet.....	12.00	100.00	.....

Pyramidal, Pyramidal American Linden, 60-70 ft.

A budded variety of American Linden with attractive and distinct pyramidal habit of growth.

5 to 6 feet.....	8.00	75.00	.....
6 to 8 feet.....	11.00	100.00	.....
8 to 10 feet.....	15.00	135.00	.....
1½ to 2 inches.....	20.00	.....	.....

DECIDUOUS TREES—Continued

LINDEN—Continued

Silvestris, *Tilia Silvestris*, 70 ft.A variety of *Tilia cordata* small leaf European Linden.

	Per 10	Per 100	Per 1000
6 to 8 feet.....	\$8.50	\$80.00	\$.....
8 to 10 feet.....	12.00	110.00	.....
1½ to 2 inches.....	16.50	150.00	.....
2 to 2½ inches.....	22.00	200.00	.....
2½ to 3 inches.....	27.50	.....	.....

LOCUST, Black or Yellow, *Robinia pseudoacacia*, 50-80 ft.

A valuable heat and drought resisting tree. Fragrant white flowers in May followed by small dark seed pods in the autumn.

3 to 4 feet.....	1.80	---	---
4 to 5 feet.....	2.50	---	---
5 to 6 feet.....	3.50	30.00	---
6 to 8 feet.....	5.00	---	---

MAY DAY TREE, See *Prunus*MAPLE, Amur, *Acer ginnala*. 20-25 ft.

Large shrub or small tree. Yellowish, fragrant flowers. April-May. Leaves and seed pods attractive.

3 to 4 feet.....	4.00	---	---
4 to 5 feet.....	5.50	50.00	---
5 to 6 feet.....	8.00	75.00	---
6 to 8 feet.....	10.00	---	---

Box Elder, *negundo*. 40-50 ft.

Hardy, rapid growing tree with bright green foliage.

4 to 5 feet.....	3.50	30.00	---
5 to 6 feet.....	4.50	40.00	---
6 to 8 feet.....	6.50	60.00	---
8 to 10 feet.....	9.00	85.00	---
1½ to 2 inches.....	13.50	---	---

Norway, *platanoides*. 50-60 ft.

Hardy, popular trees. Fine for park and street planting. Spreading habit.

4 to 5 feet, ¾ to ½ inch caliper, whips.....	3.50	30.00	---
5 to 6 feet, ½ to ¾ inch caliper, whips.....	4.50	40.00	---
6 to 8 feet, ¾ to ¾ inch caliper, whips.....	5.50	50.00	---
8 to 10 feet, ¾ to 1 inch caliper, whips.....	6.50	60.00	---
6 to 8 feet, ¾ to 1 inch caliper, lightly br.....	8.00	75.00	---
6 to 8 feet, ¾ to 1 inch caliper, branched.....	11.00	100.00	---
8 to 10 feet, 1 to 1¼ inch caliper, lightly br.....	11.00	100.00	---
8 to 10 feet, 1 to 1¼ inch caliper, branched.....	15.00	135.00	---
1¼ to 1½ inches.....	17.50	160.00	---
1½ to 1¾ inches.....	22.00	200.00	---
1¾ to 2 inches.....	25.00	235.00	---
2 to 2½ inches.....	32.50	300.00	---

Norway, *platanoides*. (Special Strain) 50-60 ft.

Budded. The original tree is a Schwedler Seedling. This strain of Norway Maple is a more rapid grower, has much more attractive foliage, and is upright and pyramidal in habit of growth. Valuable.

6 to 8 feet, ¾ to 1 inch caliper, lightly br.....	10.00	---	---
6 to 8 feet, ¾ to 1 inch caliper, branched.....	13.50	125.00	---
8 to 10 feet, 1 to 1¼ inch caliper, lightly br.....	13.50	125.00	---
8 to 10 feet, 1 to 1¼ inch caliper, branched.....	16.00	150.00	---
1¼ to 1½ inches, lightly br.....	16.00	150.00	---
1¼ to 1½ inches, branched.....	18.50	175.00	---

DECIDUOUS TREES—Continued

MAPLE, Acer—Continued

Schwedler, Purple Leaf Maple. 40-50 ft.

Very popular because of its reddish-purple leaves in the spring. We offer at attractive prices a splendid lot of transplanted Schwedleri Maple, branched trees.

	Per 10	Per 100	Per 1000
4 to 5 feet, $\frac{3}{8}$ to $\frac{1}{2}$ inch caliper, whips.....	\$6.50	\$60.00	\$.....
5 to 6 feet, $\frac{1}{2}$ to $\frac{5}{8}$ inch caliper, whips.....	8.00	75.00	.....
6 to 8 feet, $\frac{5}{8}$ to $\frac{3}{4}$ inch caliper, whips.....	9.00	85.00	.....
5 to 6 feet, $\frac{5}{8}$ to $\frac{3}{4}$ inch caliper, lightly br.....	13.50	125.00	.....
6 to 8 feet, $\frac{3}{4}$ to 1 inch caliper, lightly br.....	16.50	150.00	.....
6 to 8 feet, $\frac{3}{4}$ to 1 inch caliper, branched.....	19.00	175.00	.....
8 to 10 feet, 1 to $1\frac{1}{4}$ inch caliper, lightly br.....	19.00	175.00	.....
8 to 10 feet, 1 to $1\frac{1}{4}$ inch caliper, branched.....	22.00	200.00	.....

Silver, dasycarpum. 60-80 ft.

Well known, rapid growing tree. Leaves silver underneath.

5 to 6 feet.....	4.00	35.00	.....
$1\frac{1}{4}$ to $1\frac{1}{2}$ inches.....	9.00	85.00	.....
$1\frac{1}{2}$ to 2 inches.....	12.00	110.00	.....
2 to $2\frac{1}{2}$ inches.....	16.50	150.00	.....
$2\frac{1}{2}$ to 3 inches.....	20.00	.....	.....

Sugar, saccharum. 50-75 ft.

Splendid hardy ornamental tree. Foliage turning bright orange, sometimes scarlet in autumn.

5 to 6 feet.....	7.50	70.00	.....
6 to 8 feet.....	11.00	100.00	.....
8 to 10 feet.....	15.00	140.00	.....
$1\frac{1}{4}$ to $1\frac{1}{2}$ inches.....	18.00	165.00	.....
$1\frac{1}{2}$ to $1\frac{3}{4}$ inches.....	22.00	200.00	.....
$1\frac{3}{4}$ to 2 inches.....	27.50	250.00	.....
2 to $2\frac{1}{2}$ inches.....	30.00	.....	.....

Wier, Cutleaved Silver Maple. 60-80 ft.

Graceful drooping limbs with cut leaves.

5 to 6 feet.....	5.50	.....	.....
6 to 8 feet.....	8.00	.....	.....
8 to 10 feet.....	11.00	100.00	.....
$1\frac{1}{2}$ to 2 inches.....	15.00	.....	.....
2 to $2\frac{1}{2}$ inches.....	20.00	.....	.....

MOUNTAIN ASH, European, Sorbus aucuparia. 20-40 ft.

A valuable ornamental tree with scarlet berries. August-September.

5 to 6 feet.....	7.00	65.00	.....
6 to 8 feet.....	9.00	85.00	.....
8 to 10 feet.....	11.00	100.00	.....
$1\frac{1}{2}$ to 2 inches.....	15.00	135.00	.....
2 to $2\frac{1}{2}$ inches.....	19.00	175.00	.....

Oakleaf, Sorbus quercifolia. 20-25 ft.

Upright, rather pyramidal growing tree with attractive foliage.

6 to 8 feet.....	10.00	.....	.....
8 to 10 feet.....	12.50	.....	.....

OAK, Black, velutina. 75-80 ft.

Deep green foliage turning yellow or reddish-brown in autumn.

4 to 5 feet.....	8.00	75.00	.....
5 to 6 feet.....	11.00	100.00	.....
6 to 8 feet.....	15.00	135.00	.....
8 to 10 feet.....	20.00	.....	.....

DECIDUOUS TREES—Continued

OAK—Continued

Bur, Mossycup, macrocarpa. 75-80 ft.

Strong growing oak, picturesque appearance due to its corky branches.

	Per 10	Per 100	Per 1000
4 to 5 feet.....	\$8.00	\$75.00	\$.....
5 to 6 feet.....	11.00	100.00	.....
6 to 8 feet.....	15.00	135.00	.....
8 to 10 feet.....	19.00	175.00	.....

Laurel, Quercus laurifolia. 60-80 ft.

An attractive Oak with slender branches forming a dense round topped head, and with handsome glossy foliage.

4 to 5 feet.....	8.00	75.00	.....
5 to 6 feet.....	11.00	100.00	.....
6 to 8 feet.....	15.00	135.00	.....
8 to 10 feet.....	19.00	175.00	.....
1½ to 2 inches.....	23.50	.....	.....

Pin, Quercus palustris. 70-80 ft.

Of rapid growth. Leaves deeply cut and colors beautiful in autumn. Transplants more readily than most varieties.

5 to 6 feet.....	11.00	100.00	.....
6 to 8 feet.....	14.00	125.00	.....
8 to 10 feet.....	19.00	175.00	.....
1½ to 2 inches.....	28.00	250.00	.....
2 to 2½ inches.....	38.00	350.00	.....
2½ to 3 inches.....	45.00	425.00	.....

Pin, Quercus palustris, Trees out of Seedlings.

Have been grown in wide rows and thinned out to develop branched tops. All have been root pruned to secure a better root system, and they carry good caliper. They are good value for transplanting purposes.

4 to 5 feet, 7-16 to 9-16 inches.....	3.50	30.00	.....
5 to 6 feet, 9-16 to 11-16 inches.....	5.00	45.00	.....
6 to 8 feet, 11-16 to 7-8 inches.....	6.50	60.00	.....

Red, Quercus rubra. 60-80 ft.

An excellent tree for park and street planting. Beautiful foliage turning red in autumn.

5 to 6 feet.....	13.00	120.00	.....
6 to 8 feet.....	15.00	140.00	.....
8 to 10 feet, 1¼ to 1½ inches.....	22.00	200.00	.....
1½ to 2 inches.....	30.00	275.00	.....
2 to 2½ inches.....	40.00	375.00	.....

English, Quercus Robur. 60-80 ft.

A long-lived Oak with stout branches, forming a broad round-topped head.

5 to 6 feet.....	13.00	.....	.....
6 to 8 feet.....	16.00	.....	.....
8 to 10 feet.....	20.00	.....	.....

Scarlet, Quercus coccinea. 75-90 ft.

Most striking Autumn colors; tall stately grower, deeply cut leaves.

5 to 6 feet.....	13.00	120.00	.....
6 to 8 feet.....	16.50	150.00	.....
8 to 10 feet, 1¼ to 1½ inches.....	20.00	.....	.....
1½ to 2 inches.....	27.50	.....	.....
2 to 2½ inches.....	35.00	.....	.....

White, Quercus alba. 60-80 ft.

A rugged oak of slow growth making a large, magnificent tree.

4 to 5 feet.....	8.00	75.00	.....
5 to 6 feet.....	11.00	100.00	.....
6 to 8 feet.....	14.00	125.00	.....
8 to 10 feet.....	19.00	175.00	.....
1½ to 2 inches.....	28.00	250.00	.....
2 to 2½ inches.....	38.00	350.00	.....
2½ to 3 inches.....	42.50	.....	.....

DECIDUOUS TREES—Continued**PECAN, native nut bearing tree.**

	Per 10	Per 100	Per 1000
3 to 4 feet	\$5.00	\$	\$
4 to 5 feet	6.50	.....	.....
5 to 6 feet	8.50	.....	.....

PTELEA, trifoliata, Common Hoptree. (Wafer Ash) 10-12 ft.

Has clusters of seed pods that look and smell like hops.

4 to 5 feet	4.50	40.00	.....
5 to 6 feet	5.50	50.00	.....
6 to 8 feet	7.00	.....	.....

PERSIMMON, American, Diospyros virginiana

Very ornamental, with a round-topped head and handsome shining foliage.

3 to 4 feet	5.00	.....	.....
4 to 5 feet	6.50	.....	.....
5 to 6 feet	8.50	.....	.....
6 to 8 feet	11.00	.....	.....

POPLAR, Bolleana, Silver Leaved. 50-60 ft.

A rapid growing, columnar tree with silvery foliage.

8 to 10 feet	7.00	65.00	.....
1¼ to 1½ inches	8.50	80.00	.....
1½ to 2 inches	11.00	100.00	.....
2 to 2½ inches	15.00	135.00	.....

Carolina, (Norway Variety). 75-100 ft.

A rapid grower. Succeeds over a wide territory. We are growing Norway, an improved type of Carolina.

5 to 6 feet	2.10	18.00	.....
6 to 8 feet	2.90	25.00	.....
8 to 10 feet	4.50	40.00	.....
1¼ to 1½ inches	5.50	50.00	.....
1½ to 2 inches	8.00	75.00	.....
2 to 2½ inches	11.00	.....	.....

Lombardy, nigra italica. 60-80 ft.

Tall grower, pyramidal. Valuable for landscape work and screens. Low branched.

5 to 6 feet, low branched	2.10	18.00	160.00
6 to 8 feet, " "	2.90	25.00	220.00
8 to 10 feet, " "	3.50	30.00	280.00
1¼ to 1½ inches, low branched	4.00	35.00	320.00
1½ to 2 inches, " "	6.50	60.00	.....
2 to 2½ inches, " "	11.00	100.00	.....

Silver, White Poplar. 50-60 ft.

Well known as Silver Poplar, spreading habit, leaves woolly white underneath. Very hardy. Succeeds in cold dry climate.

4 to 5 feet, well branched	2.10	18.00	.....
5 to 6 feet, " "	2.90	25.00	.....
6 to 8 feet, " "	4.50	40.00	.....
8 to 10 feet, " "	6.50	60.00	.....
1½ to 2 inches, well branched	11.00	100.00	.....

PRUNUS, Ornamental Plum**Cistena, Hansen's Purple Leaved Plum. 5-6 ft.**

A dwarf hardy variety with rich purple red foliage. Bush form.

18 to 24 inches	3.20	28.00	.....
2 to 3 feet	4.00	35.00	.....
3 to 4 feet	5.00	45.00	.....

DECIDUOUS TREES—Continued

PRUNUS, Ornamental Plum—Continued

Hansen Bush Cherry. 4-5 ft.

An improved *Prunus besseyi*; very productive and extremely hardy.

	Per 10	Per 100	Per 1000
12 to 18 inches, transplants, branched.....	\$1.70	\$14.00	\$.....
18 to 24 inches, " " ".....	2.10	18.00	-----
2 to 3 feet, " " ".....	2.50	22.00	-----

Newport, Purple Leaved. (Bush form) 15-20 ft.

Hardy upright grower. Foliage reddish purple with bright red tips.

18 to 24 inches.....	3.20	28.00	-----
2 to 3 feet.....	4.00	35.00	-----
3 to 4 feet.....	5.00	45.00	-----

Padus commutata, May Day Tree. 18-20 ft.

Very early blooming, producing a wealth of large, clear white fragrant flowers in clusters followed by edible fruit. May be grown either bush or tree form. Very hardy.

2 to 3 feet.....	3.50	30.00	-----
3 to 4 feet.....	4.50	40.00	-----

Persica, Red Flowering Peach. 15-20 ft.

An early blooming, double flowering peach.

2 to 3 feet.....	3.50	30.00	-----
3 to 4 feet.....	4.50	40.00	-----
4 to 5 feet.....	5.50	50.00	-----

Persica camelliflora. 15-20 ft.

Variety of red flowering peach producing full, double, deep red flowers.

2 to 3 feet.....	3.50	30.00	-----
3 to 4 feet.....	4.50	40.00	-----
4 to 5 feet.....	5.50	50.00	-----

Serotina, Wild Black Cherry. 40-50 ft.

A native of the Middle West. White flowers in May followed by small black cherries borne in clusters.

6 to 8 feet.....	4.00	---	-----
8 to 10 feet.....	5.50	---	-----

Tomentosa, Nanking Cherry. 10-12 ft.

Very hardy variety, remarkable showy flowers and fruit of finest flavor. For jams and preserves it is unexcelled.

3 to 4 feet.....	4.00	35.00	-----
4 to 5 feet.....	5.00	45.00	-----

Triloba, Flowering Plum. 8-10 ft.

A handsome, hardy, vigorous, large shrub or small tree with double pink flowers in April-May. Will succeed over a wide territory. Bush form.

12 to 18 inches (On Native Plum).....	2.50	22.00	-----
18 to 24 inches " " ".....	3.20	28.00	-----
2 to 3 feet " " ".....	4.00	35.00	-----
3 to 4 feet " " ".....	5.00	45.00	-----
4 to 5 feet " " ".....	6.00	55.00	-----

RED BUD, *Cercis canadensis*. 20-30 ft.

Very attractive, rosy pink almost red flowers in April.

2 to 3 feet.....	2.90	25.00	-----
3 to 4 feet.....	4.00	35.00	-----
4 to 5 feet.....	5.00	45.00	-----
5 to 6 feet.....	6.50	60.00	-----

DECIDUOUS TREES—Continued

RUSSIAN OLIVE, *Elaeagnus angustifolia*. 20-25 ft.

Attractive silver gray leaves, grayish white berries. Desirable for mass planting. Used frequently for hedges and windbreaks. Hardy.

	Per 10	Per 100	Per 1000
3 to 4 feet.....	\$2.40	\$20.00	\$ ----
4 to 5 feet.....	2.90	25.00	----
5 to 6 feet.....	4.00	35.00	----
6 to 8 feet.....	5.50	50.00	----
8 to 10 feet.....	8.00	75.00	----
For smaller sizes see <i>Elaeagnus</i> under Shrubs.			

SYCAMORE or American Planetree, *Platanus occidentalis*. 100-130 ft.

Large, handsome leaves. Smooth, light colored, almost creamy-white bark with age, gives tree a striking appearance.

5 to 6 feet.....	4.50	40.00	----
6 to 8 feet.....	7.00	65.00	----
8 to 10 feet.....	10.00	90.00	----
1¼ to 1½ inches.....	12.00	----	----
1½ to 1¾ inches.....	16.50	----	----

THORN, *Crataegus*, *Arnoldiana*, *Arnold's Thorn*. 18-20 ft.

An open-headed tree having white flowers in May and bright crimson fruit in August

3 to 4 feet.....	5.50	50.00	----
4 to 5 feet.....	8.50	80.00	----
5 to 6 feet.....	12.00	110.00	----
6 to 8 feet.....	17.50	----	----

Coccinea, Thicket Hawthorn. 20-25 ft.

Bushy tree, white flowers, dull red fruit.

3 to 4 feet.....	5.50	50.00	----
4 to 5 feet.....	8.50	80.00	----
5 to 6 feet.....	12.00	----	----

Cordata, Washington Hawthorn. 20-25 ft.

Bright red fruit, brilliant autumn foliage.

3 to 4 feet.....	6.00	----	----
4 to 5 feet.....	8.50	80.00	----
5 to 6 feet.....	12.00	110.00	----
6 to 8 feet.....	16.50	150.00	----
8 to 10 feet.....	22.50	----	----
1½ to 2 inches.....	30.00	----	----

Crusgalli, Cockspur Thorn. 15-18 ft.

Deep green shiny leaved distinctive Hawthorn. Conspicuous white flowers, red fruit, long thorns.

3 to 4 feet.....	5.50	50.00	----
4 to 5 feet.....	8.50	80.00	----
5 to 6 feet.....	12.00	110.00	----
6 to 8 feet.....	19.00	175.00	----
8 to 10 feet.....	25.00	----	----

English Hawthorn, *oxyantha*. 12-15 ft.

A small shrubby tree. Single white blooms in the spring.

3 to 4 feet.....	5.50	50.00	----
4 to 5 feet.....	8.50	80.00	----
5 to 6 feet.....	12.00	----	----

Mollis, Downy Hawthorn. 15 ft.

Vigorous spreading growth. Large leaves, attractive red fruit.

3 to 4 feet.....	4.50	40.00	----
4 to 5 feet.....	6.50	60.00	----
5 to 6 feet.....	10.00	90.00	----
6 to 8 feet.....	14.00	125.00	----
8 to 10 feet.....	16.50	150.00	----

DECIDUOUS TREES—Continued

THORN, *Crataegus*—Continued**Prunifolia, Plumleaf Hawthorn. 30 ft.**

Branches spreading or somewhat ascending, spiny. Fruit, red. May, June.		Per 10	Per 100	Per 1000
4 to 5 feet	-----	\$8.50	\$ ----	\$ ----
5 to 6 feet	-----	12.00	----	----
6 to 8 feet	-----	17.50	----	----
8 to 10 feet	-----	25.00	----	----

Punctata, Dotted Hawthorn. 25-30 ft.

Broad-headed, small tree with large, white flowers in May; dull red, spotted fruit in October.

3 to 4 feet	-----	5.50	50.00	-----
4 to 5 feet	-----	8.50	80.00	-----
5 to 6 feet	-----	12.00	110.00	-----
6 to 8 feet	-----	19.00	175.00	-----
8 to 10 feet	-----	25.00	225.00	-----

WALNUT, Black, *Juglans nigra*, 80--100 ft.

Valuable tree for the wood and nuts.

5 to 6 feet	-----	6.50	60.00	-----
6 to 8 feet	-----	8.00	75.00	-----

WILLOW, *Salix***Niobe Weeping. 30-35 ft.**

An exceptionally strong, hardy, graceful tree. Splendid pendulous habit. Very attractive golden bark. Light green flowers in April.

3 to 4 feet	-----	2.10	18.00	-----
4 to 5 feet	-----	2.90	25.00	-----
5 to 6 feet	-----	4.50	40.00	-----
6 to 8 feet	-----	7.00	65.00	-----
8 to 10 feet	-----	10.00	90.00	-----

Pussy, discolor. 20-25 ft.

Popular willow on account of catkins in March-April before leaves.

18 to 24 inches	-----	1.70	14.00	-----
2 to 3 feet	-----	2.10	18.00	-----
3 to 4 feet	-----	2.90	25.00	-----
4 to 5 feet	-----	3.50	30.00	-----

Russian Golden, *vitellina aurea*. 25-30 ft.

Medium spreading growth. Golden yellow bark. Very hardy.

4 to 5 feet	-----	2.40	20.00	-----
5 to 6 feet	-----	3.50	30.00	-----
6 to 8 feet	-----	5.50	50.00	-----

Wisconsin Weeping, *blanda*. 40-50 ft.

Spreading limbs and pendulous branches. Dark green leaves. Hardy.

4 to 5 feet	-----	2.90	25.00	-----
5 to 6 feet	-----	4.50	40.00	-----
6 to 8 feet	-----	7.50	65.00	-----
8 to 10 feet	-----	10.00	90.00	-----
1¼ to 1½ inches	-----	12.00	110.00	-----
1½ to 2 inches	-----	16.50	150.00	-----

ORNAMENTAL SHRUBS

Our shrubs are well grown, bushy stock, many of them twice transplanted, grown on rich land, with plenty of room to develop well furnished plants. Are confident they will please your trade.

Tied 9-12 and 12-18, 25; 18-24 and 2-3, 10; 3-4 and 4-5, 5 per bundle.

ACANTHOPANAX, pentaphyllum, Five leaf Aralia. 5-10 ft.

A graceful shrub with arching branches and bright green, shining foliage, excellent on rocky banks and slopes.

	Per 10	Per 100	Per 1000
18 to 24 inches.....	\$2.10	\$18.00	\$
2 to 3 feet.....	2.90	25.00	.....
3 to 4 feet.....	4.00	35.00	.....
4 to 5 feet.....	5.00		

ALMOND, Pink Flowering, Prunus glandulosa. 5-6 ft.

Double pink. Very ornamental, limbs being covered with masses of flowers. April-May.

12 to 18 inches, Own Root	1.90	16.00	.....
18 to 24 inches, " "	2.50	22.00	.....
2 to 3 feet, " "	3.20	28.00	250.00
3 to 4 feet, " "	3.80	33.00	300.00

White Flowering, Prunus glandulosa. 5-6 ft.

Double white flowering variety. Have buds and own root plants.

18 to 24 inches	2.50	22.00	.....
2 to 3 feet.....	3.20	28.00	.....
3 to 4 feet	4.00	35.00	.....

ALTHEA, Hibiscus syriacus. 10-12 ft.

Upright shrub, blooming August and September. Colors, pink, purple, red and white.

12 to 18 inches .....	.80	7.00	.....
18 to 24 inches.....	1.20	10.00	.....
2 to 3 feet.....	1.90	16.00	.....
3 to 4 feet.....	2.50	22.00	.....

d—Double

Anemonaeflorus, d pink

Ardens, d purple

Boule de Feu, d red

Jean d'Arc, d white

S—Single

Lucy, d red

Purple, semi-double

Rose, double

Rubis, s red

Snowdrift, s white

AMELANCHIER, canadensis Juneberry (Downy Shadblow) 10-15 ft.

Attractive white flowers early spring followed by dark red fruit. Edible. Attractive to birds.

	Per 10	Per 100	Per 1000
2 to 3 feet.....	\$3.50	\$30.00	\$
3 to 4 feet.....	4.50	.....	.....
4 to 5 feet.....	5.50	.....	.....

AMORPHA fruticosa, Indigo Bush. 8-10 ft.

A vigorous growing shrub with dark violet flowers.

12 to 18 inches.....	1.70	14.00	.....
18 to 24 inches.....	2.00	.....	.....

ARONIA arbutifolia, Red Chokeberry. 8-10 ft.

White flowers sometimes tinged with red. April-May. Bright red fruit and red foliage in autumn.

12 to 18 inches.....	1.20	10.00	.....
18 to 24 inches.....	1.80	15.00	.....
2 to 3 feet.....	2.40	20.00	.....

ORNAMENTAL SHRUBS—Continued

ARONIA—Continued

Melanocarpa, Black Chokeberry. 6-8 ft.

Attractive white flowers, smooth foliage, with black shiny fruit in autumn.			
	Per 10	Per 100	Per 1000
12 to 18 inches	\$1.20	\$10.00	\$
18 to 24 inches	1.80	15.00	
2 to 3 feet	2.40		

BARBERRY

Thunbergi, Common Barberry. 4-5 ft.

Pale yellow flowers. April-May. A splendid hardy hedge plant. Also fine for mass planting. Brilliant red fruit and foliage in autumn.

9 to 12 inches	.70	6.00	
12 to 15 inches	1.20	10.00	85.00
15 to 18 inches	1.40	12.00	100.00
18 to 24 inches	1.70	14.00	120.00
2 to 2½ feet	2.10	18.00	150.00
2½ to 3 feet	2.40	20.00	180.00

See Hedging for Seedlings and smaller grades.

Box, Berberis minor. 2-3 ft.

Dwarf form of Japanese Barberry. Fine for low hedges or borders.

9 to 12 inches	1.10	9.00	
12 to 15 inches	1.40	12.00	
15 to 18 inches	1.90	16.00	
18 to 24 inches	2.50		

Red Leaved, atropurpurea. 3-6 ft.

Variety of Japanese Barberry with bright red foliage.

12 to 15 inches	1.70	14.00	
15 to 18 inches	2.10	18.00	
18 to 24 inches	2.60	22.00	
2 to 2½ feet	3.00	27.00	240.00
2½ to 3 feet	3.50	30.00	

See Hedging for Seedlings and smaller grades.

BERBERIS MENTORENSIS

Plant Patent No. 99

(Sun or shade—ultimate height 5 ft.)

Barberry Mentorensis is the result of a cross between Barberry Thunbergi and Barberry Juliana. It is a plant with very rugged, strong, upright growing branches and heavy thorns. Its foliage is heavy and thick and of perfect color—a green as dark as the Japanese Yew.

Size	Wholesale Prices Net			Retail Resale Prices		
	Per 10	Per 100	Per 1000	Per 3	Per 12	Per 100
12 to 15 inches	\$2.50	\$20.00	\$	\$1.15	\$4.25	\$30.00
15 to 18 inches	3.00	25.00		1.35	5.00	37.50
18 to 24 inches	3.75	30.00		1.75	6.00	45.00

TRUEHEDGE COLUMNBERRY

Var. Berberis Thunbergi, erecta

Plant Patent No. 110

Recommended for formal hedges, individual specimen shrubs, window boxes, etc. Grows in pyramidal form without pruning. Has dense glossy foliage; valuable for many purposes. For resale at retail only at prices specified herein.

Size	Wholesale Prices Net			Retail Resale Prices			
	Per 10	Per 100	Per 1000	Each	Per 5	Per 25	Per 100
15 to 18 inches	\$2.70	\$22.00	\$	\$0.55	\$2.10	\$8.75	\$32.00
18 to 24 inches	3.30	28.00	250.00	.65	2.65	11.50	42.00
2 to 2½ feet	4.00	35.00	300.00	.80	3.25	13.75	50.00

ORNAMENTAL SHRUBS—Continued

BUCKTHORN, Cathartica, Common Buckthorn. 10-12 ft.

Very hardy, dark green leaves, black berries. Valuable for hedging in the north.

	Per 10	Per 100	Per 1000
12 to 18 inches	\$0.70	\$ 6.00	\$
18 to 24 inches	1.10	9.00	80.00
2 to 3 feet	1.40	12.00	100.00
3 to 4 feet	1.80	15.00	.....
4 to 5 feet	2.40	20.00	.....

Frangula, Glossy Buckthorn. 10-12 ft.

Upright, hardy shrub, used for hedging. Berries red changing to black.

18 to 24 inches	1.40	12.00	.....
2 to 3 feet	1.90	16.00	.....
3 to 4 feet	2.50	.....	.....

BUDDLEIA, Butterfly Bush, Perennial Shrub. 4-5 ft.**Farquhar. 5-6 ft.**

Lavender pink flowers with orange center; fragrant.

Medium	1.90	16.00	.....
No. 1	2.40	20.00	180.00

Fortune (Plant Patent No. 206). 4-6 ft.

Flowers of pure lilac with a brilliant orange eye; large, fully round sprays of 2 ft. in length. Desirable for cut flowers. Foliage deep leathery, dark green. Prolific bloomer. (Retail at 75¢ each, \$7.50 per doz.)

No. 1	4.00	25.00
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Ile de France. 4-6 ft.

Large flowers of rich, reddish-purple, borne in long panicles.

Medium	1.90	16.00	.....
No. 1	2.40	20.00	180.00

BUDDLEIA—New Varieties.

Well established 2¼-inch pot plants	1.40	12.00	.....
Medium, dormant plants, field grown	1.90	16.00	.....
No. 1, dormant plants, field grown	2.40	20.00	.....

Charming

Long sprays covered with lavender-pink blooms which compared to other varieties, are distinctly pink. Has exceptional value for house decoration.

Concord

A new dark red Buddleia with blood-red eye shading lighter to edge of petals. Strong spikes.

Dubonnet

A new, dark wine, dubonnet colored Buddleia with firm, large spikes and individual flowers of good size that do not sunburn.

Eleanor

Eleanor-blue with orange eye with full, rounded flower heads. Very compact and individual flowers of good size. Dwarf.

Orchid Beauty

An orchid pink with brilliant, orange eye and flower heads up to 24 inches in length, broad at base. Excellent as a cut flower. New.

EMPIRE BLUE

Patent No. 557

We have seen no other blue Buddleia that compares with this. The color is an Aster-blue with a delicate lilac tone, the whole effect being an exquisite shade of blue.

	Per 10	Per 100	Per 1000
No. 1, dormant plants, field grown	\$4.00	\$35.00	\$

ORNAMENTAL SHRUBS—Continued

BUDDLEIA, Butterfly Bush—Continued

PINK DAWN

A Mount Arbor introduction—cross between Buddleia Fortune and Pink Charming. The compact plant attains a height of 4-5 ft., carrying deep, dark green foliage. The flower is pink throughout and produced in great abundance throughout the entire Summer and Autumn. Excellent as a cut flower with sprays of two to three feet in length. This is the best truly pink flowering Buddleia in existence today.

	Per 10	Per 100	Per 1000
Well established 2¼-inch pot plants.....	\$2.90	\$25.00	\$
No. 1, dormant plants, field grown.....	4.00	35.00	.....

✻
ROYAL RED
 Patent No. 556

A new variety of merit, producing from July until frost an abundance of large, fully round sprays of 2 ft. in length; color rich dark royal purple, intensified to almost red when displayed under artificial light. Plant attains 4-6 ft. height, and foliage is deep leathery green.

	Per 10	Per 100	Per 1000
Well established 2¼-inch Pot Plants.....	\$3.00	\$25.00	\$
No. 1, dormant plants, field grown.....	4.00	35.00	.....

BUFFALOBERRY SILVER, *Shepherdia argentea*. 12-18 ft.

Large thorny shrub, almost tree-form with showy silvery foliage and red or yellow edible fruits.

	Per 10	Per 100	Per 1000
12 to 18 inches.....	\$1.10	\$ 9.00	\$
18 to 24 inches.....	1.40	12.00	.....
2 to 3 feet.....	1.80	15.00	.....

CALLICARPA *purpurea*, Chinese Beautyberry. 3-6 ft.

Clusters of attractive purple berries in the fall. Tops kill back like Butterfly Bush.

	Per 10	Per 100	Per 1000
12 to 18 inches.....	1.50	12.00	.....
18 to 24 inches.....	1.90	16.00	.....
2 to 3 feet.....	2.40	20.00	.....

CALYCANTHUS *floridus*, Sweetshrub. 4-6 ft.

A fragrant shrub with chocolate colored flowers.

	Per 10	Per 100	Per 1000
12 to 18 inches.....	2.10	18.00	.....
18 to 24 inches.....	2.50	22.00	.....
2 to 3 feet.....	3.20	28.00	.....
3 to 4 feet.....	4.50	40.00	.....

CARAGANA *arborescens*, Siberian Pea-Tree. 12-15 ft.

Very hardy. Yellow flowers in May-June.

	Per 10	Per 100	Per 1000
9 to 12 inches.....	.40	3.50	.....
12 to 18 inches.....	.60	5.00	.....
18 to 24 inches.....	.95	8.00	.....
2 to 3 feet.....	1.40	12.00	.....
3 to 4 feet.....	1.90	16.00	.....
4 to 5 feet.....	2.50	22.00	.....

CEPHALANTHUS *occidentalis*, Buttonbush. 5-6 ft.

Attractive foliage with round heads of creamy white flowers. July-September.

	Per 10	Per 100	Per 1000
12 to 18 inches.....	1.40	12.00	.....
18 to 24 inches.....	1.90	16.00	.....
2 to 3 feet.....	2.50	22.00	.....
3 to 4 feet.....	3.50	30.00	.....

ORNAMENTAL SHRUBS—Continued

CHIONANTHUS virginica, White Fringe. 25 ft.

Large glossy leaves, white fragrant flowers, May-June.

	Per 10	Per 100	Per 1000
12 to 18 inches.....	\$2.50	\$22.00	\$.....
2 to 3 feet.....	4.50	.....	.....

CORNUS, Dogwood**Alba Siberica, Coral Dogwood. 10-12 ft.**

Hardy, vigorous, upright shrub producing small white flowers, April-May. Porcelain blue fruit. Bright red bark in winter.

12 to 18 inches.....	.95	8.00	.....
18 to 24 inches.....	1.40	12.00	.....
2 to 3 feet.....	2.10	18.00	160.00
3 to 4 feet.....	2.50	22.00	200.00
4 to 5 feet.....	3.50	30.00	280.00

Elegantissima, Silverblotch Dogwood, Variegated Leaves. 6-8 ft.

Silver variegated leaves, bright red bark. Very attractive.

2 to 3 feet.....	4.00	35.00	.....
3 to 4 feet.....	5.00	45.00	.....

Florida, White Flowering Dogwood. 15-20 ft.

Flowering tree producing white flowers, foliage turns dark red in autumn.

2 to 3 feet.....	5.50	50.00	.....
3 to 4 feet.....	7.50	70.00	.....

Florida Rubra, Red Flowering Dogwood. 15-20 ft.Variety of *Cornus Florida* with bright pink flowers.

2 to 3 feet (Balled in Moss).....	11.00	100.00	.....
3 to 4 feet (Balled in Moss).....	15.00	.....	.....

Goldentwig, *stolonifera lutea*. 8-10 ft.

Distinct yellow bark, has fine winter effect.

12 to 18 inches.....	1.20	10.00	.....
18 to 24 inches.....	1.80	15.00	.....
2 to 3 feet.....	2.40	20.00	180.00
3 to 4 feet.....	2.80	24.00	220.00
4 to 5 feet.....	3.50	30.00	.....

Mas, Cornelian Cherry. 20-25 ft.

Dense growth with glossy foliage. Attractive in early spring with its yellow flowers and in fall with its shining scarlet fruits.

12 to 18 inches.....	2.40	20.00	.....
18 to 24 inches.....	2.90	25.00	.....
2 to 3 feet.....	3.50	.....	.....

Paniculata, Gray Dogwood. 10-12 ft.

White flowers in May followed by white fruit.

12 to 18 inches.....	1.40	12.00	.....
18 to 24 inches.....	1.90	16.00	.....
2 to 3 feet.....	2.40	20.00	180.00
3 to 4 feet.....	2.90	25.00	220.00
4 to 5 feet.....	3.80	33.00	300.00
5 to 6 feet.....	4.50	40.00	.....

Sanguinea, Bloodtwig Dogwood. 10-12 ft.

Beautiful glossy red branches, greenish-white flowers. May-June.

18 to 24 inches.....	1.40	12.00	.....
2 to 3 feet.....	1.90	16.00	.....
3 to 4 feet.....	2.50	22.00	.....

Stolonifera, Red-Osier Dogwood. 15-20 ft.

Dark wine colored branches. Dull white flowers. May-June. White berries.

18 to 24 inches.....	1.40	12.00	.....
2 to 3 feet.....	1.90	16.00	.....
3 to 4 feet.....	2.50	22.00	200.00
4 to 5 feet.....	3.20	28.00	.....

ORNAMENTAL SHRUBS—Continued

CORYLUS americana, American Hazelnut. 8-10 ft.

Thrives in shady locations. Attractive foliage. Produces popular nuts.

	Per 10	Per 100	Per 1000
12 to 18 inches.....	\$2.10	\$18.00	\$
18 to 24 inches.....	2.50	22.00	
2 to 3 feet.....	3.50	30.00	
3 to 4 feet.....	4.50		

COTONEASTER acutifolia, Peking Cotoneaster. 10-12 ft.

An attractive hardy shrub or hedge. Dark green leaves. Black fruit.

18 to 24 inches.....	1.70	14.00	
2 to 3 feet.....	2.10	18.00	160.00
3 to 4 feet.....	2.50	22.00	200.00
4 to 5 feet.....	3.20	28.00	

Divaricata, Spreading Cotoneaster. 5-6 ft.

Handsome shrub bearing pink flowers and red berries. Foliage nearly evergreen.

18 to 24 inches (B&B 25¢ extra).....	3.50	30.00	
2 to 3 feet (B&B 30¢ extra).....	4.50	40.00	
3 to 4 feet (B&B 40¢ extra).....	6.50	60.00	

Wilsoni, Wilsons Cotoneaster. 5 ft.

Small box-like leaves and red berries. Foliage nearly evergreen.

18 to 24 inches (B&B 25¢ extra).....	4.00	35.00	
2 to 3 feet (B&B 30¢ extra).....	5.00	45.00	
3 to 4 feet (B&B 40¢ extra).....	7.00		

CYDONIA japonica, Flowering Quince. 5-6 ft.

Our Cydonia are grown from cuttings secured from blooming wood, producing uniform scarlet colored flowers.

12 to 18 inches.....	1.90	16.00	140.00
18 to 24 inches.....	2.50	22.00	200.00
2 to 3 feet.....	3.20	28.00	250.00
3 to 4 feet.....	3.80	33.00	300.00

Pygmaea, japonica pygmy, Dwarf Japanese Quince. 3-4 ft.

Dwarf form of Cydonia Japonica.

12 to 18 inches.....	1.90	16.00	
18 to 24 inches.....	2.50	22.00	
2 to 3 feet.....	3.20	28.00	

DAPHNE CNEORUM, Garland Flower. 2 ft.

An interesting Evergreen shrub. Attractive rose-pink flowers. April-May.

9 to 12 inches, B&B.....	8.00	75.00	
12 to 15 inches, B&B.....	11.00	100.00	

DESMODIUM (See lespedeza)**DEUTZIA gracilis, Slender Deutzia. 3 ft.**

Dwarf, blooms freely. Small pure white flowers. May.

9 to 12 inches.....	1.70	14.00	
12 to 15 inches.....	2.40	20.00	
15 to 18 inches.....	2.90	25.00	

Lemoine Deutzia. 5-6 ft.

Large white showy flowers in May. Quite hardy.

12 to 18 inches.....	2.40	20.00	
18 to 24 inches.....	3.20	28.00	
2 to 2½ feet.....	4.00	35.00	

Pride of Rochester. 10-12 ft.

Strong grower, free bloomer, double white flowers tinged pink.

18 to 24 inches.....	1.70	14.00	
2 to 3 feet.....	2.10	18.00	
3 to 4 feet.....	2.50	22.00	200.00
4 to 5 feet.....	3.20	28.00	

ORNAMENTAL SHRUBS—Continued

DEUTZIA—Continued**Scabra Plena, Double Rose. 6-7 ft.**

Vigorous growth; free flowering. Produces an abundance of double, fringy, pink flowers.

	Per 10	Per 100	Per 1000
18 to 24 inches	\$1.40	\$12.00	\$
2 to 3 feet	1.90	16.00	.....
3 to 4 feet	2.40	20.00	.....

ELAEAGNUS angustifolia, Russian Olive. 20-25 ft.

Attractive silver gray leaves, white berries. Desirable for mass planting. Used frequently for hedges and windbreaks. Very hardy.

12 to 18 inches .....	.60	5.00	.....
18 to 24 inches .....	.95	8.00	.....
2 to 3 feet	1.40	12.00	.....
3 to 4 feet	2.40	20.00	.....
4 to 5 feet	2.90	25.00	.....

(For larger sizes—See Russian Olive under Deciduous Trees)

ELDER American, Sambucus canadensis. 8-10 ft.

Hardy, native shrub with white fragrant flowers, June-July, followed by black berries.

18 to 24 inches	1.80	15.00	.....
2 to 3 feet	2.40	20.00	.....
3 to 4 feet	3.00	.....	.....

Cutleaf American acutiloba. 8-10 ft.

Dark green fern-like leaves, finely cut. White flowers, May-June.

12 to 18 inches	1.40	12.00	.....
18 to 24 inches	1.80	15.00	.....
2 to 3 feet	2.40	20.00	.....

Golden American, canadensis aurea. 10-12 ft.

Hardy rapid growing shrub with outstanding yellow foliage.

18 to 24 inches	1.80	15.00	.....
2 to 3 feet	2.40	20.00	.....
3 to 4 feet	2.90	25.00	.....

Pubens, Scarlet Elder. 8 ft.

Native, hardy northern shrub. White flowers in June and red fruit, June-August.

18 to 24 inches	2.40	20.00	.....
2 to 3 feet	3.00	.....	.....

EUONYMUS alatus, Winged Euonymus (Japanese Spindle Tree). 10-12 ft.

Yellow flowers, May-June. Interesting corky bark. Leaves turning brilliant crimson in autumn.

18 to 24 inches	4.00	35.00	.....
2 to 3 feet	5.50	50.00	.....
2½ to 3 feet	6.50	60.00	.....
3 to 4 feet	8.00	75.00	.....

Alatus compacta, Dwarf Winged Euonymus. 4-6 ft.

Dwarf, compact form of the type. Splendid for hedges.

18 to 24 inches	5.50	50.00	.....
2 to 3 feet	8.00	75.00	.....

Atropurpureus, Wahoo. 12-15 ft.

Native, hardy, vigorous shrub or small tree producing an abundance of scarlet berries. Attractive colored foliage in autumn.

12 to 18 inches	1.70	14.00	.....
18 to 24 inches	2.10	18.00	.....
2 to 3 feet	2.90	25.00	.....
3 to 4 feet	4.00	35.00	.....

European, Burningbush, europaeus. 12-15 ft.

Dark green foliage with yellow and scarlet fruit in autumn.

2 to 3 feet	2.90	25.00	.....
3 to 4 feet	3.50	30.00	.....
4 to 5 feet	4.00	35.00	.....

ORNAMENTAL SHRUBS—Continued

EUONYMUS—Continued

Patens, Spreading Euonymus. 4-5 ft.

Graceful, spreading, upright grower; glossy green foliage, almost evergreen; scarlet berries. Semi-hardy. Per 10 Per 100 Per 1000

18 to 24 inches (B&B extra @ 25¢) \$4.50 \$40.00 \$\$

2 to 3 feet (B&B extra @ 30¢) 7.00 65.00

3 to 4 feet (B&B extra @ 40¢) 9.00 85.00

Yedoensis, Yeddo Euonymus. 12-15 ft.

Large shrub with masses of pink and orange four lobed fruit.

12 to 18 inches 1.80 15.00

18 to 24 inches 2.40 20.00

2 to 3 feet 2.90 25.00

3 to 4 feet 3.50

EXOCHORDA grandiflora, Pearl Bush. 8-10 ft.

Dazzling white flowers in May. Attractive foliage. Prefers moist soil; will thrive in shade.

18 to 24 inches 1.80 15.00

2 to 3 feet 2.40 20.00

3 to 4 feet 2.90 25.00

FORSYTHIA fortunei, Fortune Forsythia. 10-12 ft.

Upright, arching branches. Bright yellow flowers early in April.

12 to 18 inches 1.20 10.00

18 to 24 inches 1.80 15.00

2 to 3 feet 2.40 20.00

3 to 4 feet 2.90 25.00

4 to 5 feet 4.00 35.00

Intermedia, Border Forsythia. 8-10 ft.

Vigorous, spreading, bright yellow flowers early in April.

12 to 18 inches 1.20 10.00

18 to 24 inches 1.80 15.00

2 to 3 feet 2.40 20.00

3 to 4 feet 2.90 25.00

4 to 5 feet 4.00 35.00

Intermedia Spectabilis, Showy Border Forsythia. 8-10 ft.

Improved form of Intermedia. Rich golden yellow flowers.

12 to 18 inches 1.20 10.00

18 to 24 inches 1.80 15.00

2 to 3 feet 2.40 20.00

3 to 4 feet 2.90 25.00

4 to 5 feet 4.00 35.00

Suspensa, Weeping Forsythia. 6-8 ft.

Slender pendulous branches. Golden yellow flowers in April.

18 to 24 inches 1.90 16.00

2 to 3 feet 2.50 22.00

3 to 4 feet 3.50 30.00

FRINGE, Purple, See Rhus.**HAMAMELIS, virginiana, Witchhazel. 12-15 ft.**

Succeeds in moist places with partial shade. Yellow flowers late autumn.

12 to 18 inches 1.80 15.00

18 to 24 inches 2.50 22.00

2 to 3 feet 3.50 30.00

HONEYSUCKLE, Lonicera**Bella Albida, White Belle Honeysuckle. 10-12 ft.**

Very hardy, upright, strong grower. White bloom, red fruit. Makes a splendid tall hedge.

12 to 18 inches 1.20 10.00

18 to 24 inches 1.80 15.00

2 to 3 feet 2.40 20.00

3 to 4 feet 2.90 25.00

4 to 5 feet 4.00 35.00

ORNAMENTAL SHRUBS—Continued

HONEYSUCKLE *Lonicera*—Continued**Grandiflora** *Rosea*, *Bride*. 12-15 ft.

Flowers bright pink, April-May. One of the best pink upright honeysuckles. Hardy, strong, upright grower. Per 10 Per 100 Per 1000

12 to 18 inches	\$1.20	\$10.00	\$
18 to 24 inches	1.80	15.00	.....
2 to 3 feet	2.40	20.00	.....
3 to 4 feet	2.90	25.00	.....
4 to 5 feet	4.00	35.00	.....

Morrow Honeysuckle, *morrowi*. 7-8 ft.

Spreading habit, attractive foliage. White flowers, May-June. Red berries.

2 to 3 feet	2.50	22.00	.....
3 to 4 feet	3.20	28.00	.....
4 to 5 feet	4.00	35.00	.....

Pink Tatarian, *tatarica rosea*. 10-12 ft.

Hardy, vigorous grower. Pink flowers, April-May, red fruit.

12 to 18 inches	1.20	10.00	.....
18 to 24 inches	1.80	15.00	.....
2 to 3 feet	2.40	20.00	.....
3 to 4 feet	2.90	25.00	.....
4 to 5 feet	4.00	35.00	.....

Red Tatarian, *tatarica rubra*. 8-10 ft.

Very hardy, upright. Flowers April-May, rosy pink. Bright red fruit.

12 to 18 inches	1.20	10.00	.....
18 to 24 inches	1.80	15.00	.....
2 to 3 feet	2.40	20.00	.....
3 to 4 feet	2.90	25.00	.....
4 to 5 feet	4.00	35.00	.....

HONEYSUCKLE (Also see Hedging)**HYDRANGEA** *arborescens grandiflora*, *Snowhill*. 3-6 ft.

Large, double white flowers June-July. Thrives in shady places.

12 to 18 inches	2.40	20.00	.....
18 to 24 inches	2.90	25.00	.....
3 to 3½ feet	4.00	35.00	.....

Paniculata *Grandiflora*, *Peegee Hydrangea*. 6-8 ft.

A very hardy shrub with large trusses of showy double white flowers, blending into pink and bronze shades of autumn, July-October.

12 to 18 inches	2.40	20.00	180.00
18 to 24 inches	2.90	25.00	.....
2 to 3 feet	3.50	30.00	.....
3 to 3½ feet	4.00	35.00	.....
Tree Form, 2 to 3 feet	5.50	50.00	.....
“ “ 3 to 4 feet	8.00	75.00	.....

ILEX *verticillata*, *Winterberry*. 6-8 ft.

Bright red berries which remain until midwinter.

12 to 18 inches	1.70	14.00	.....
18 to 24 inches	2.40	20.00	.....
2 to 3 feet	2.90	25.00	.....
3 to 4 feet	4.00	35.00	.....

ORNAMENTAL SHRUBS—Continued

KERRIA japonica, Single Kerria. 4 ft.

Beautiful, single, yellow flowers. June-September. Kills back in winter in this latitude.

	Per 10	Per 100	Per 1000
12 to 18 inches	\$2.40	\$20.00	\$
18 to 24 inches	2.90	25.00	

Japonica flore-pleno, Double Kerria. 4 ft.

Similar to above variety with double flowers.

9 to 12 inches	1.90	16.00	
12 to 18 inches	2.50	22.00	

KOLKWTZIA amabilis, Beauty Bush. 6-8 ft.

A graceful shrub, covered with small pink flowers in May.

18 to 24 inches	3.50	30.00	
2 to 3 feet	4.50	40.00	
3 to 4 feet	5.50	50.00	

LESPEDEZA, formosa, Purple Bushclover (Desmodium penduliflorum). 5-6 ft.

An herbaceous perennial shrub with attractive purple flowers in September.

2-year, Medium	2.10	18.00	
2-year, No. 1	2.90	25.00	

LILAC, Syringa. 12-15 ft.**French Lilacs, Named Varieties.**

Valuable, hardy hybrids. Popular on account of attractive flowers of various colors and foliage. Height to fifteen feet according to variety and soil.

12 to 18 inches	2.50	22.00	
18 to 24 inches	3.50	30.00	
2 to 3 feet	4.50	40.00	
3 to 4 feet	6.50	60.00	

s-Single

Alphonse Laval, d violet
Belle de Nancy, d rose, white center
Chas. Joly, d reddish purple
*Chas. X., s reddish purple
Ludwig Spaeth, s purple
Mme. Abel Chatenay, d white

d-Double

Mme. Casimir Perier, d white
Mme. Lemoine, d white
Marie Lefraye, s white
Michel Buchner, d dark lilac
Mont Blanc, s white
Pres. Grevy, d bluish lilac

*Prices 5¢ less on each grade.

Common Purple, vulgaris. 12-18 ft.

Hardy, popular shrub. Blooms freely. Purplish, single lilac flowers in large panicles. April-May.

12 to 18 inches	1.40	12.00	
18 to 24 inches	2.10	18.00	
2 to 3 feet	2.50	22.00	
3 to 4 feet	4.00	35.00	

Common White, vulgaris alba. 12-15 ft.

Hardy, vigorous shrub. Attractive foliage, single white flowers.

12 to 18 inches	1.70	14.00	
18 to 24 inches	2.10	18.00	
2 to 3 feet	2.90	25.00	
3 to 3½ feet	4.50	40.00	

Chinese, rothomagensis. 8-10 ft.

Generally grown and sold for Persian Lilac. Upright, vigorous grower, reddish purple flowers, April-May. One of the best for general planting on account of its free blooming qualities and hardiness.

	Per 10	Per 100	Per 1000
12 to 18 inches	\$1.80	\$15.00	\$
18 to 24 inches	2.40	20.00	
2 to 3 feet	2.90	25.00	220.00
3 to 4 feet	3.50	30.00	280.00
4 to 5 feet	4.00	35.00	320.00
5 to 6 feet	4.50	40.00	

ORNAMENTAL SHRUBS—Continued

LILAC, *Syringa*—Continued

Dr. Breiten Schneider. 8-10 ft.

Hardy upright grower. Large attractive leaves. Beautiful lavender flowers. Villosa type, blooms late.

	Per 10	Per 100	Per 1000
2 to 3 feet.....	\$2.90	\$25.00	\$.....
3 to 4 feet.....	4.00	35.00	.....
4 to 5 feet.....	5.00	45.00	.....

Japonica, Tree Lilac. 18-22 ft.

Loose bunches creamy-white flowers; handsome foliage. June-July.

18 to 24 inches.....	2.50	.....	.....
2 to 3 feet.....	3.50	30.00	.....
3 to 4 feet.....	4.00	.....	.....

Josikaea, Hungarian Lilac. 8-10 ft.

Upright grower, attractive dark green foliage, dark violet flowers.

18 to 24 inches.....	2.40	20.00	.....
2 to 3 feet.....	2.90	25.00	.....
3 to 4 feet.....	4.00	35.00	.....
4 to 5 feet.....	5.00	45.00	.....

Persian Purple, persica. 8-10 ft.

Spreading habit. Slender arching branches with small leaves. Pale lilac flowers, poor quality. April-May. Rothomagensis superior.

12 to 18 inches.....	1.80	15.00	.....
18 to 24 inches.....	2.40	20.00	.....
2 to 3 feet.....	2.90	25.00	.....
3 to 4 feet.....	3.50	30.00	.....
4 to 5 feet.....	4.00	35.00	.....

Rubra de Marley, vulgaris variety. 10-12 ft.

An improved strain of vulgaris lilac, often classed as a hybrid variety, producing a mass of single, rich, reddish purple flowers. Hardy and vigorous grower.

12 to 18 inches.....	1.90	16.00	.....
18 to 24 inches.....	2.40	20.00	180.00
2 to 3 feet.....	2.90	25.00	220.00
3 to 4 feet.....	4.50	40.00	.....

Villosa, Late Lilac. 8-10 ft.

Bushy, compact grower. Large, attractive leaves, pale pink flowers,

12 to 18 inches.....	1.80	15.00	.....
18 to 24 inches.....	2.40	20.00	.....
2 to 3 feet.....	2.90	25.00	.....
3 to 4 feet.....	4.00	35.00	.....

PHILADELPHUS, Mockorange (*Syringa*)

Banniere. 8 ft.

New, early, semi-double, pure white. Blooms freely.

12 to 18 inches.....	1.80	15.00	.....
18 to 24 inches.....	2.40	20.00	.....
2 to 3 feet.....	2.90	25.00	.....

Bouquet Blanc. 4-5 ft.

Blooms freely in May and June. Very fragrant. Outstanding variety.

12 to 18 inches.....	1.80	15.00	.....
18 to 24 inches.....	2.40	20.00	.....
2 to 3 feet.....	2.90	25.00	.....
3 to 4 feet.....	4.00	35.00	.....

Coronarius, Sweet Mockorange (Garland *Syringa*). 8-10 ft.

A popular well known, hardy shrub. White, fragrant flowers in May-June.

12 to 18 inches.....	.95	8.00	.....
18 to 24 inches.....	1.70	14.00	.....
2 to 3 feet.....	2.10	18.00	.....
3 to 4 feet.....	2.50	22.00	200.00
4 to 5 feet.....	3.20	28.00	.....
4 to 5 feet.....	3.20	28.00	.....

ORNAMENTAL SHRUBS—Continued

PHILADELPHUS, Mockorange—Continued**Lemoinei, Lemoine Mockorange. 4-5 ft.**

Semi-dwarf with attractive foliage, producing dense racemes of small fragrant white flowers.

	Per 10	Per 100	Per 1000
12 to 18 inches	\$1.20	\$10.00	\$
18 to 24 inches	1.90	16.00	140.00
2 to 3 feet	2.40	20.00	180.00
3 to 3½ feet	2.90	25.00	
4 to 5 feet	5.50	50.00	

Virginal. 7-8 ft.

Medium grower. Loads down with beautiful fragrant semi-double flowers over a long season, beginning in May.

	2.10	18.00	
12 to 18 inches	2.10	18.00	
18 to 24 inches	2.90	25.00	
2 to 3 feet	4.00	35.00	
3 to 4 feet	5.00	45.00	
4 to 5 feet	5.50	50.00	

PHYSOCARPUS opulifolius, Common Ninebark. 8-10 ft.

Very hardy. White flowers in May-June, followed by attractive brownish-red pods.

	1.40	12.00	
18 to 24 inches	1.40	12.00	
2 to 3 feet	1.90	16.00	
3 to 4 feet	2.40	20.00	
4 to 5 feet	2.90	25.00	

Goldleaf Ninebark (Spirea aureus). 8-10 ft.

Golden leaved variety producing white flowers in May-June.

	.95	8.00	
12 to 18 inches	.95	8.00	
18 to 24 inches	1.40	12.00	
2 to 3 feet	1.90	16.00	
3 to 4 feet	2.40	20.00	
4 to 5 feet	2.90	25.00	

Opulifolius Nana, Dwarf Ninebark. 4-5 ft.

Dwarf form, dense grower. Very attractive foliage and flowers, May-June, followed by numerous small red pods. A valuable, hardy, low growing shrub.

	2.10	18.00	
2 to 3 feet	2.10	18.00	
3 to 4 feet	2.50	22.00	200.00
4 to 5 feet	3.20	28.00	

PRIVET—Ligustrum**Amoor North, amurense. 12-15 ft.**

Used extensively. Valuable, hardy, hedge plant with rich attractive foliage.

	Per 10	Per 100	Per 1000
9 to 12 inches, branched	\$	\$ 4.50	\$ 35.00
12 to 18 inches, 2 canes		6.00	50.00
12 to 18 inches, 3 canes and up		7.00	60.00
18 to 24 inches, 2 canes		7.00	60.00
18 to 24 inches, 3 canes and up		8.50	75.00
2 to 3 feet, 2 and 3 canes		8.50	75.00
2 to 3 feet, 4 canes and up		12.00	100.00

California, ovalifolium. 12-15 ft.

An attractive, popular hedge plant where hardy.

	5.00	40.00	
12 to 18 inches, 3 canes and up	5.00	40.00	
18 to 24 inches, 3 canes and up	6.00	50.00	
2 to 3 feet, 4 canes and up	7.50	65.00	

European, vulgare. 10-12 ft.

Dark green foliage, creamy white flowers. June-July. Blue-black berries.

	7.00	60.00	
12 to 18 inches	7.00	60.00	
18 to 24 inches	8.50	75.00	
2 to 3 feet	12.00	100.00	
3 to 4 feet	15.00		

ORNAMENTAL SHRUBS—Continued

PRIVET—Continued

Ibolium, Hardy California. 8-10 ft.

Upright, vigorous, with foliage similar to California but much hardier.

	Per 10	Per 100	Per 1000
12 to 18 inches.....	\$.....	\$ 5.00	\$ 45.00
18 to 24 inches.....		7.00	60.00
2 to 3 feet.....		8.50	75.00

Regal. 6-8 ft.

Low growing dense shrub with horizontal, spreading branches. Fine, hardy hedge plant. Grown from cuttings.

12 to 18 inches.....	12.00	100.00	
18 to 24 inches.....	21.00	180.00	
2 to 2½ feet.....	28.00	250.00	
2½ to 3 feet.....	40.00	350.00	
3 to 3½ feet.....	45.00		

PRUNUS, Ornamental Plums. (See Deciduous Trees.)**PURPLE FRINGE. (See Rhus.)****RHODOTYPOS kerrioides, Jetbead (White Kerria). 4-5 ft.**

Distinct shrub. Bright green foliage. Single white flowers, April-May. Black shiny fruit in autumn and winter.

	Per 10	Per 100	Per 1000
12 to 18 inches.....	\$1.90	\$16.00	\$.....
18 to 24 inches.....	2.50	22.00	
2 to 3 feet.....	3.20	28.00	
3 to 4 feet.....	4.00	35.00	

RHUS canadensis, Fragrant Sumac. (Aromatic). 5-6 ft.

Aromatic shrub. Small yellowish flowers, April-May followed by red berries.

12 to 18 inches.....	1.80	15.00	
18 to 24 inches.....	2.40	20.00	
2 to 3 feet.....	2.90	25.00	220.00
3 to 4 feet.....	3.70	32.00	

copallina, Shining Sumac, 12-14 ft.

Attractive foliage with striking coloring in Autumn. Showy, crimson fruits.

18 to 24 inches.....	2.90	25.00	
2 to 3 feet.....	4.00	35.00	
3 to 4 feet.....	4.50	40.00	

Cotinus (Purple Fringe). 10-15 ft.

Rapid grower producing masses of filmy, smoky panicles of flowers July-August, making a fine specimen.

3 to 4 feet.....	5.50	50.00	
4 to 5 feet.....	6.50	60.00	

Glabra, Smooth Sumac. 6-10 ft.

Of dwarfish habit, producing bunches of crimson berries, August-September.

18 to 24 inches.....	1.40	12.00	
2 to 3 feet.....	2.10	18.00	
3 to 4 feet.....	2.50	22.00	

Shredded or Fern-Leaved Sumac, typhina laciniata. 10-12 ft.

Rapid grower, attractive, long feathery leaves finely cut.

18 to 24 inches.....	2.10	18.00	
2 to 3 feet.....	2.50	22.00	
3 to 4 feet.....	3.20	28.00	

Trilobata, Skunk bush. 5-6 ft.

Strongly-scented, dwarf shrub; greenish flowers in clustered spikes followed by red, hairy fruit.

12 to 18 inches.....	1.50		
18 to 24 inches.....	2.10	18.00	
2 to 3 feet.....	2.50		

ORNAMENTAL SHRUBS—Continued

RHUS—Continued

Typhina, Staghorn Sumac. 15-25 ft.

Greenish flowers in dense terminal panicles, clusters of crimson berries.

	Per 10	Per 100	Per 1000
18 to 24 inches.....	\$1.40	\$12.00	\$.....
2 to 3 feet.....	1.90	16.00	.....
3 to 4 feet.....	2.50	22.00	.....
4 to 5 feet.....	3.50	30.00	.....

RIBES alpinum, Mountain Currant. 6-8 ft.

A hardy, dense shrub suitable for hedges or mass planting. Small greenish flowers, April-May. Scarlet fruit.

12 to 15 inches.....	1.70	14.00	.....
15 to 18 inches.....	2.10	18.00	.....
18 to 24 inches.....	2.50	22.00	.....
2 to 2½ feet.....	3.20	28.00	.....
2½ to 3 feet.....	4.00	35.00	.....

Odoratum, Golden Currant (Aureum). 6-8 ft.

Rapid, upright grower producing fragrant yellow flowers in April-May.

18 to 24 inches.....	1.70	14.00	.....
2 to 3 feet.....	2.10	18.00	.....
3 to 4 feet.....	2.90	25.00	.....

SALIX purpurea, dwarf blue-leaf Arctic Willow. 3-4 ft.

Charming low growing Willow; suited for hedges and borders. Hardy.

15 to 18 inches.....	2.10	18.00	.....
18 to 24 inches.....	2.50	22.00	.....
2 to 2½ feet.....	3.20	28.00	.....

SNOWBALL. (See Viburnum)

SORBARIA, sorbifolia, Ural False Spirea. 5-6 ft.

Leaves out very early in the spring, showing very attractive foliage, followed with large, fluffy heads of white flowers, June-July.

18 to 24 inches.....	1.40	12.00	.....
2 to 3 feet.....	1.90	16.00	.....
3 to 4 feet.....	2.50	22.00	.....

SPIREA, Anthony Waterer. 3-4 ft.

A valuable dwarf shrub, bright red flowers, June-September.

15 to 18 inches.....	2.10	18.00	160.00
18 to 24 inches.....	2.40	20.00	180.00
2 to 2½ feet.....	2.90	25.00	220.00

Arguta, Garland Spirea. 5-6 ft.

Upright, hardy shrub, small light green leaves covered with single white flowers. April-May. There are a number of hybrids varying in habit of growth.

12 to 18 inches.....	1.10	9.00	.....
18 to 24 inches.....	1.40	12.00	100.00
2 to 3 feet.....	1.90	16.00	140.00
3 to 3½ feet.....	2.40	20.00	180.00

Billiard Spirea, billiardi. 5-6 ft.

Bright pink flowers in spikes, July-September.

12 to 18 inches.....	1.10	9.00	80.00
18 to 24 inches.....	1.70	14.00	.....
2 to 3 feet.....	2.10	18.00	160.00
3 to 4 feet.....	2.50	22.00	.....

ORNAMENTAL SHRUBS—Continued

SPIREA—Continued

Froebel Spirea. 4 ft.

Vigorous, spreading grower. Bright pink flowers, May-June. Purplish tips in spring. Beautiful autumn colors. Very hardy. Used extensively.

	Per 10	Per 100	Per 1000
9 to 12 inches.....	\$0.95	\$ 8.00	\$ 70.00
12 to 18 inches.....	1.20	10.00	90.00
18 to 24 inches.....	1.70	14.00	120.00
2 to 2½ feet.....	2.10	18.00	160.00
2½ to 3 feet.....	2.40	20.00	180.00

Japanese White, japonica ovalifolia (callosa alba). 3 ft.

Dwarf grower, dark green foliage, free bloomer, white flowers, June-September.

9 to 12 inches.....	1.70	14.00	-----
12 to 15 inches.....	2.40	20.00	-----
15 to 18 inches.....	2.90	25.00	-----
18 to 24 inches.....	3.50	30.00	-----

Korean, trichocarpa. 5 ft.

New hardy Spirea. Similar to Van Houtte; blooms a little later and the flowers are larger.

12 to 18 inches.....	.95	8.00	-----
18 to 24 inches.....	1.40	12.00	-----
2 to 3 feet.....	1.90	16.00	-----
3 to 4 feet.....	2.40	20.00	-----
4 to 5 feet.....	2.90	25.00	-----

Opulifolius, Ninebark. (See Physocarpus.)

Prunifolia, Double Bridalwreath. 5-6 ft.

Small plum-like, double white flowers blooming profusely. Hardy.

2 to 3 feet.....	2.90	25.00	-----
3 to 4 feet.....	4.00	35.00	-----

Sorbifolia. (See Sorbaria.)

Thunberg Spirea, thunbergi. 3-4 ft.

Low growing shrub with slender spreading branches. Feathery bright green foliage. Snow-white flowers, April.

12 to 18 inches.....	1.40	12.00	-----
18 to 24 inches.....	2.10	18.00	160.00
2 to 2½ feet.....	2.40	20.00	180.00
2½ to 3 feet.....	2.90	25.00	220.00
3 to 3½ feet.....	3.50	30.00	-----

Vanhoutte Spirea. 5-6 ft.

Well known, popular shrub. Graceful habit of growth. Sometimes called Bridalwreath. Pure white flowers, April-May. Blooms profusely.

12 to 18 inches.....	.80	7.00	60.00
18 to 24 inches.....	1.20	10.00	90.00
2 to 3 feet.....	1.70	14.00	120.00
3 to 4 feet.....	2.10	18.00	160.00
4 to 5 feet.....	2.50	22.00	-----

SYMPHORICARPOS, Snowberry

Chenaulti, Improved Coral Berry. 6-8 ft.

New, very small leaves; graceful arching branches; pink flowers, red fruit.

18 to 24 inches.....	1.10	9.00	80.00
2 to 3 feet.....	1.70	14.00	120.00
3 to 3½ feet.....	2.10	18.00	-----

ORNAMENTAL SHRUBS—Continued**SYMPHORICARPOS, Snowberry—Continued****Racemosus, Common Snowberry. 6-7 ft.**

Attractive green foliage, pink flowers, June-July. Large white fruit in clusters in autumn.

	Per 10	Per 100	Per 1000
12 to 18 inches.....	\$0.70	\$ 6.00	\$
18 to 24 inches.....	1.10	9.00	80.00
2 to 3 feet.....	1.70	14.00	120.00

Vulgaris, Coralberry (Red Snowberry). 4-5 ft.

Hardy native shrub. Succeeds everywhere. Coral red berries in autumn and winter.

12 to 18 inches.....	.70	6.00	.....
18 to 24 inches.....	1.10	9.00	80.00
2 to 3 feet.....	1.70	14.00	120.00
3 to 3½ feet.....	2.10	18.00	.....

SUMAC (See Rhus)**TAMARIX**

Grown chiefly for its fine, graceful foliage and showy panicles of flowers.

12 to 18 inches.....	.95	8.00	.....
18 to 24 inches.....	1.40	12.00	.....
2 to 3 feet.....	1.90	16.00	.....
3 to 4 feet.....	2.40	20.00	.....
4 to 5 feet.....	2.90	25.00	.....

SILVER FOLIAGE VARIETIES**Amurensis, Amur Tamarix, Hort. Variety Pentandra. 8-10 ft.**

Strong growing, hardy shrub with purple branches, silvery foliage with pink flowers in large panicles.

Hispid, Kashgar Tamarix. 15-20 ft.

Feathery silver foliage. Bright pink flowers, June-July. Remains in bloom longer than other varieties. One of the best. Hardy.

Odessana, Odessa Tamarix, 6-8 ft.

Upright slender branches. Light silver foliage, light pink flowers in slender racemes.

GREEN FOLIAGE VARIETIES**Africana. 12-15 ft.**

Feathery green foliage, pink flowers early in spring before leaves.

Gallica Indica. 10-12 ft.

Upright grower, green foliage, pink flowers, May.

Tetandra purpurea. 12-15 ft.

Bright green foliage. Vigorous. One of the hardiest pink flowers, May-June.

VIBURNUM, americanum, American Cranberrybush. 8-12 ft.

Handsome shrub, single white flowers in April-May. Bright scarlet berries hanging until spring. Edible.

	Per 10	Per 100	Per 1000
12 to 18 inches.....	\$2.10	\$18.00	\$
18 to 24 inches.....	2.90	25.00	.....
2 to 3 feet.....	3.50	30.00	.....
3 to 4 feet.....	4.50	.....	.....

Dentatum, Arrowwood. 10-12 ft.

Attractive foliage, white flowers, April-May, followed by bluish-black fruit.

12 to 18 inches.....	1.40	12.00	.....
18 to 24 inches.....	2.10	18.00	160.00
2 to 3 feet.....	2.50	22.00	200.00
3 to 4 feet.....	3.50	30.00	280.00
4 to 5 feet.....	4.00	35.00	.....

ORNAMENTAL SHRUBS—Continued

VIBURNUM—Continued

Lantana, Wayfaring Tree. 10-15 ft.

Upright. Attractive deep green leaves, single white flowers, May.
Bright red fruit changing to black.

	Per 10	Per 100	Per 1000
18 to 24 inches.....	\$2.10	\$18.00	\$.....
2 to 3 feet.....	2.50	22.00	200.00
3 to 4 feet.....	3.50	30.00	280.00
4 to 5 feet.....	4.00	35.00	.....

Lentago, Nannyberry. 18-20 ft.

Large growing upright shrub or small tree. Single white flowers in May. Shining green leaves. Large blue-black fruit.

12 to 18 inches.....	1.70	14.00	.....
18 to 24 inches.....	2.10	18.00	.....
2 to 3 feet.....	2.70	24.00	220.00
3 to 4 feet.....	3.50	30.00	280.00
4 to 5 feet.....	4.50	40.00	.....

Molle, Kentucky Viburnum. 8-10 ft.

Similar to Dentatum. Of slower growth and more attractive foliage. Single white flowers, April-May. Blue-black fruit.

18 to 24 inches.....	2.10	18.00	.....
2 to 3 feet.....	2.50	22.00	200.00
3 to 4 feet.....	3.50	30.00	280.00
4 to 5 feet.....	4.00	35.00	.....

Opulus, European Cranberrybush (Highbush Cranberry). 10-12 ft.

Well known hardy shrub, single white flowers in April-May, followed by scarlet fruit hanging on until spring.

12 to 18 inches.....	2.10	18.00	.....
18 to 24 inches.....	2.50	22.00	200.00
2 to 3 feet.....	3.20	28.00	250.00
3 to 4 feet.....	3.80	33.00	300.00
4 to 5 feet.....	5.00	45.00	.....

Opulus Sterilis, Common Snowball. 10-12 ft.

Popular shrub. Blooms profusely. Large double white flowers. April-May.

12 to 18 inches.....	2.10	18.00	160.00
18 to 24 inches.....	2.50	22.00	.....
2 to 3 feet.....	3.20	28.00	250.00
3 to 4 feet.....	3.80	33.00	300.00

Prunifolium, Blackhaw. 10-12 ft.

Pure white flowers followed by blue-black berries. April-June.

2 to 3 feet.....	4.00	35.00	.....
3 to 4 feet.....	5.00	45.00	.....
4 to 5 feet.....	6.00	.....	.....

Pubescens, Downy Viburnum. 3-6 ft.

Dwarf grower with greenish white flowers followed by black fruit.

12 to 18 inches.....	2.10	18.00	.....
18 to 24 inches.....	2.90	25.00	.....

VITEX Macrophylla, Big-Leaved Chaste Tree. 5-6 ft.

Semi-dwarf flowers of lavender-blue. Semi-hardy.

12 to 18 inches.....	1.80	15.00	.....
18 to 24 inches.....	2.40	20.00	.....
2 to 3 feet.....	3.00	25.00	.....

WEIGELA, Eva Rathke, Red Flowered Weigela. 4-5 ft.

Blooms profusely, producing brilliant crimson flowers. May-June.

12 to 18 inches.....	1.80	15.00	.....
18 to 24 inches.....	2.50	22.00	.....
2 to 3 feet.....	3.20	28.00	.....

ORNAMENTAL SHRUBS—Continued

WEIGELA—Continued

Rosea, Pink Weigela. 6-8 ft.

Popular shrub with beautiful showy pink flowers, May-June.

	Per 10	Per 100	Per 1000
9 to 12 inches	\$0.80	\$ 7.00	\$ -----
12 to 18 inches	1.20	10.00	-----
18 to 24 inches	1.90	16.00	140.00
2 to 3 feet	2.40	20.00	180.00
3 to 4 feet	2.90	25.00	-----

HEDGING

Lighter stock than regular grade of shrubs; good hedging grades.

BARBERRY, thunbergi, Japanese Barberry.

	Per 100	Per 1000
9 to 12 inches, 2 year seedlings, branched	\$ 2.50	\$ 22.00
12 to 18 inches, 2 year seedlings, branched	3.50	30.00
18 to 24 inches, 2 year seedlings, branched	6.00	50.00
9 to 12 inches, transplanted, 2 year branched	6.00	50.00
12 to 15 inches, transplanted, 2 year branched, bushy ..	8.50	75.00

Red Leaved, atropurpurea.

9 to 12 inches, 2 year seedlings, branched	5.50	50.00
12 to 15 inches, 2 year seedlings, branched	7.00	65.00
15 to 18 inches, 2 year seedlings, branched	9.00	80.00

CARAGANA arborescens, Siberian Peatree.

6 to 12 inches, seedlings .....	.80	7.00
12 to 18 inches, seedlings	1.20	10.00
18 to 24 inches, seedlings	1.70	14.00
2 to 3 feet, seedlings	2.10	18.00

HONEYSUCKLE, Lonicera, upright hardy varieties.

Tatarian, Pink, Red, White.

12 to 18 inches	5.60	50.00
18 to 24 inches	8.00	70.00

MULBERRY, RUSSIAN. (See Deciduous Tree Seedlings).

PRIVET. (See Shrubs.)

RUSSIAN OLIVE. (See Deciduous Tree Seedlings.)

SPIREA, Van Houtte.

10 to 15 inches	4.50	40.00
12 to 18 inches	5.60	50.00
18 to 24 inches	7.50	65.00

VINES

Tied, 2-year Medium, 25; 2-year No. 1, 10; 3-year, 10 per bundle

AMPELOPSIS, Boston Ivy, tricuspidata (Veitchi). 40-50 ft.

Beautiful foliage in spring and summer changing to crimson-scarlet in autumn. Clings to brick, stone or concrete walls. Succeeds best in this latitude on north or east side.

	Per 10	Per 100	Per 1000
2 year Medium	\$2.40	\$20.00	\$ -----
2 year No. 1	2.90	25.00	-----
3 year No. 1	3.50	30.00	-----

Engelmann Creeper, engelmanni. 30-40 ft.

A good hardy, clinging vine with smaller leaves than Virginia Creeper. More brilliant coloring in autumn.

2 year Medium	1.40	12.00	100.00
2 year No. 1	1.90	16.00	140.00
3 year No. 1	2.10	18.00	-----

VINES—Continued

AMPELOPSIS—Continued

Virginia Creeper, *quinquefolia*. 30-40 ft.

A rapid growing, hardy vine suitable for covering trellises, stone walls and verandas.

	Per 10	Per 100	Per 1000
2 year Medium.....	\$1.40	\$12.00	\$100.00
2 year No. 1.....	1.90	16.00	140.00
3 year No. 1.....	2.10	18.00	.....

ARISTO tomentosa, Pipe Vine. 20-35 ft.

Flowers yellow, leaves much smaller than a Siphon.

2 year Medium.....	1.20	10.00	.....
2 year No. 1.....	1.70	14.00	.....
3 year No. 1.....	2.10	18.00	.....

BIGNONIA, radicans, Trumpet Vine. 20-30 ft.

Upright growing vine. Trumpet shaped, scarlet flowers. July-August.

2 year Medium.....	1.20	10.00	.....
2 year No. 1.....	1.40	12.00	.....
3 year No. 1.....	1.80	15.00	.....

CELASTRUS, orbiculatus, Oriental Bittersweet. 30-40 ft.

Rapid growing, twining vine. Bright orange berries with scarlet seeds in autumn, hanging on late.

2 year Medium.....	1.40	12.00	.....
2 year No. 1.....	1.90	16.00	.....
3 year No. 1.....	2.40	20.00	.....

Scandens, American Bittersweet. 20-25 ft.

Hardy vine producing bunches of red berries retaining their color a long period and popular for cutting and hanging in the home.

2 year Medium.....	1.40	12.00	.....
2 year No. 1.....	1.90	16.00	.....
3 year No. 1.....	2.40	20.00	.....

CLEMATIS, Large Flowering. 10-15 ft.

Popular hybrids on account of the beautiful purple, red and white flowers.

3 inch pots, staked with 24 inch tops.....	3.20	28.00	.....
2 year Medium, dormant.....	3.50	30.00	.....
2 year No. 1, dormant.....	4.50	40.00	.....
Henryi, white.....	Mme. Edouard Andre, red		
Jackmani, purple.....	Ramona, light blue		

Crispa, Curly Clematis. 3-4 ft.

A slender vine with purplish flowers. Fragrant.

2 year No. 1.....	1.80	12.00
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Paniculata, Sweet Autumn Clematis. 20-30 ft.

A valuable climber literally covered with white fragrant flowers in September.

2 year Medium.....	2.50	22.00	.....
2 year No. 1.....	3.20	28.00	220.00

Texensis, Scarlet Clematis (*coccinea*). 5-6 ft.

Large, bell shaped scarlet flowers. Attractive foliage.

2 year No. 1.....	1.80	15.00
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A truly large-flowering Red Clematis of the Jackmanni type. More and larger blooms on vines of unusual vigor. Color plates, folders, etc., will be ready soon. A "Leader" for catalogues, agents and all other outlets.

Wholesale Prices		Retail Resale Prices	
Per 10	Per 100	Each	Per 12
\$8.50	\$75.00	\$1.50	\$15.00

VINES—Continued

EUONYMUS**Radicans, Wintercreeper. 5-6 ft.**

Evergreen, shining deep green foliage. Upright habit. Needs some protection.

	Per 10	Per 100	Per 1000
2 year Medium.....	\$2.50	\$22.00	\$
2 year No. 1.....	3.50	30.00	
3 year No. 1.....	4.00	35.00	

Radicans Colorata, Redleaved Wintercreeper.

Almost evergreen. Long, narrow leaves of deep green, tinged purple; highly colored in fall and early winter.

2 year Medium.....	2.40	20.00	
2 year No. 1.....	2.90	25.00	
3 year No. 1.....	3.50	30.00	

HEDERA helix, English Ivy.

Semi-hardy evergreen vine. Best in shady locations. Needs protection.

2½ inch pot plants.....	1.20	10.00	
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HONEYSUCKLE, Lonicera.**Gold Flame. 15 ft.**

Everblooming trumpet-shaped flowers. Fragrant, bright red outside, yellow inside. Hardy.

2 year No. 1.....	3.50	30.00	250.00
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Hall's Japan, japonica halleana. 20-25 ft.

Rapid growing vine with beautiful foliage. Delightfully fragrant, creamy white flowers. Makes a fine hedge or covering for caves or unsightly places.

2 year No. 1.....	1.40	12.00	
3 year No. 1.....	1.90	16.00	

Heckrottii, (Summer King) 15 ft.

Large, fragrant, flame-red trumpets lined with gold are produced in immense showy clusters; blooming from early summer until frost. The blooms are produced the same year the plant is set out. Foliage, dark blue-green, disease and pest free. Hardy.

2 year Medium.....	2.10	18.00	
2 year No. 1.....	2.50	22.00	

Scarlet Trumpet Honeysuckle, sempervirens. 20-30 ft.

Upright grower. Dark green foliage. Long tubular scarlet flowers.

2 year Medium.....	1.40	12.00	
2 year No. 1.....	1.90	16.00	
3 year No. 1.....	2.40	20.00	

POLYGONUM auberti, China Fleecevine. 25-30 ft.

Rapid growing climber producing throughout summer and fall large foamy sprays of creamy white flowers.

2 year Medium.....	2.40	20.00	
2 year No. 1.....	2.90	25.00	

WISTERIA, American frutescens. 20-25 ft.

Tall, vigorous climber. Lilac purple flowers, June-July.

2 year Medium, grown from blooming wood...	1.70	14.00	120.00
2 year No. 1, grown from blooming wood...	2.10	18.00	150.00
3 year No. 1, grown from blooming wood...	2.50	22.00	200.00

Chinese Blue or White. 30-40 ft.

Long clusters showy flowers in May.

2 year Medium, grafts.....	2.40	20.00	
2 year No. 1, ".....	2.90	25.00	
3 year No. 1, ".....	3.50	30.00	

Multijuga, Long Clusters Wisteria, Blue. 40-50 ft.

Strong grower, deep blue. May. Extra long clusters, sometimes two or three feet. Valuable.

2 year Medium, grafts.....	1.80	15.00	
2 year No. 1, ".....	2.40	20.00	
3 year No. 1, ".....	2.90	25.00	

EVERGREENS

Prices are for Evergreens Securely Balled and Burlapped.

Can dig Evergreens, roots puddled at the following reduction in price:

12 to 18 inches at 15¢. 18 to 24 inches at 20¢. 2 to 3 feet at 25¢.

Our Evergreens have all been three times x x x transplanted, having been grown with plenty of room for development. Have been properly sheared and pruned for producing compact, symmetrical specimens.

Evergreens selected and tagged by customers in the nursery field will be subject to a 10% additional charge.

Height specified after variety indicates height tree should obtain at maturity.

We cannot assume responsibility for the successful transplanting of Evergreens, as weather conditions, method of handling and care govern results secured and are sold with the distinct understanding that if they arrive in good condition and are accepted, our responsibility ceases.

ARBOR VITAE, Thuja

Occidentalis Pyramidalis, American Pyramidal. 20-30 ft.

Broad at base, tapering to the top. Straight narrow columnar shape. Splendid for accents or formal plantings. Bright green the year around.

	Per 10	Per 100
18 to 24 inches	\$11.00	\$100.00
2 to 2½ feet	14.00	125.00
2½ to 3 feet	16.50	

Occidentalis Woodwardi, Woodward's Globe. 2½-3 ft.

Forms a natural globe up to three feet in diameter. Foliage softer and slightly darker than other varieties. Of compact, even, regular shape.

12 x 12 inches	8.00	75.00
15 x 15 inches	11.00	
18 x 18 inches	12.50	

FIR, Abies

PSEUDOTSUGA DOUGLASI, Douglas Fir. 70-80 ft.

A Colorado specie of rapid growth. Makes a large symmetrical tree. Foliage bluish-green. Very drought resisting and may be planted in dry soils where others cannot survive.

2 to 3 feet	14.00	125.00
3 to 4 feet	22.50	
4 to 5 feet	30.00	

JUNIPER, Juniperus

CHINENSIS COLUMNARIS GLAUCA, Blue Columnar Chinese Juniper. 20-25 ft.

Very rapid growing Evergreen. Forms a tall narrow column of blue foliage. Spire-like effect.

2½ to 3 feet	17.50	
3 to 3½ feet	22.50	
3½ to 4 feet	30.00	
4 to 4½ feet	35.00	
4½ to 5 feet	40.00	
5 to 6 feet	45.00	

CHINENSIS PFITZERIANA, Pfitzer Juniper, 5-6 ft.

Handsome gray green foliage. A valuable hardy variety succeeding almost everywhere.

15 to 18 inches	14.00	125.00
18 to 24 inches	16.50	150.00
2 to 2½ feet	22.00	200.00
2½ to 3 feet	27.50	250.00
3 to 3½ feet	32.50	300.00
3½ to 4 feet	37.50	350.00
4 to 5 feet	45.00	425.00
5 to 6 feet	55.00	
2½ to 3 feet, Staked Upright, Heavy	32.50	
3 to 3½ feet, " " "	40.00	375.00
3½ to 4 feet, " " "	45.00	425.00

EVERGREENS—Continued

JUNIPER—Continued

CHINENSIS PFITZERIANA COMPACTA, Compact Pfitzer Juniper.

A compact form of the well known Pfitzer Juniper. This new variety remains bushy and compact.

	Per 10	Per 100
2 to 2½ feet.....	\$25.00	\$
2½ to 3 feet.....	30.00	.....

COMMUNIS ASHFORDI, Ashford Juniper. 10 ft.

Of open loose growth, branched at groundline. Short needles of silvery grayish green deepening into purple shades during winter.

15 x 15 inches.....	14.00	125.00
18 x 18 inches.....	17.50	160.00
24 x 24 inches.....	22.50	200.00

COMMUNIS CANADENSIS, Canada Juniper. 2½-3 ft.

Low, vase shaped habit of growth. Bright green foliage, light blue berries.

2½ to 3 feet.....	22.50	.....
3 to 3½ feet.....	26.50	.....
3½ to 4 feet.....	30.00	.....

COMMUNIS DEPRESSA PLUMOSA, Andorra Juniper. 2 ft.

A low growing spreading dwarf Evergreen. Beautiful silvery green in spring turning to rich purple-bronze in autumn.

15 to 18 inches.....	12.50	115.00
18 to 24 inches.....	15.00	135.00
2 to 2½ feet.....	20.00	175.00
2½ to 3 feet.....	22.50	200.00
3 to 3½ feet.....	25.00	225.00

COMMUNIS HIBERNICA, Irish Juniper. 7-8 ft.

Foliage glaucous green. An old, well known popular variety.

18 to 24 inches.....	8.00	75.00
2 to 3 feet.....	11.00	100.00
3 to 4 feet.....	16.50	150.00
4 to 5 feet.....	22.50	200.00

PROCUMBENS, Creeping Chinese Juniper.

The best of creepers. Foliage bright bluish cast. Will grow anywhere.

2 to 2½ feet.....	22.50	200.00
2½ to 3 feet.....	25.00	.....

PROSTRATE

These superior low, dense growing strains of Prostrate Juniper are the best we have ever seen. Of Rocky Mountain origin, extremely hardy and very desirable for bank and ground covering. Color varying from green to silver. 6 to 8 inches in height.

2 to 2½ feet.....	20.00	175.00
2½ to 3 feet.....	22.50	200.00
Admirabilis	Eximus	Planifolius
Adpressus		Subglaucus

SABINA, Savin Juniper. 3-4 ft.

Spreading form with slender branches and dark green leaves. Excellent for foundation work and for underplanting.

15 to 18 inches.....	12.50	115.00
18 to 24 inches.....	16.50	150.00
2 to 2½ feet.....	20.00	185.00
2½ to 3 feet.....	25.00	225.00
3 to 3½ feet.....	28.50	260.00

EVERGREENS—Continued**JUNIPER—Continued****SABINA HORIZONTALIS, Creeping Savin. 6-8 ft.**

Trailing stems and upright spreading branches. Dark green foliage.

	Per 10	Per 100
18 to 24 inches	\$13.50	\$
2 to 2½ feet	16.00	.....
2½ to 3 feet	20.00	.....
3 to 3½ feet	25.00	.....
3½ to 4 feet	30.00	.....

SABINA TAMARISCIFOLIA, Tamarix Savin Juniper. 18-24 inches.

Dwarf spreading habit. Foliage silvery green with soft texture.

2½ to 3 feet	30.00
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SCOPULORUM, Colorado Silver Juniper. 25-30 ft.

Silvery foliage and close symmetrical upright growth. Thrives in hot, dry weather when the color is brightest. Very hardy.

18 to 24 inches	15.00	135.00
2 to 2½ feet	17.50	160.00
2½ to 3 feet	21.00	190.00
3 to 3½ feet	25.00	225.00
3½ to 4 feet	28.50	260.00
4 to 4½ feet	32.50	300.00
4½ to 5 feet	40.00	375.00
5 to 6 feet	46.00	435.00
6 to 8 feet	55.00	.....
12 x 12 inches, Globe Sheared	13.50	125.00
15 x 15 inches, " "	16.00	150.00
18 x 18 inches, " "	22.00	200.00

SCOPULORUM FULGENS. 20-30 ft.

Upright pyramidal habit of growth with bluish-green foliage, more silver at tips.

3½ to 4 feet	37.50	.....
4 to 4½ feet	42.50	.....

SCOPULORUM FUNALIS. 20-30 ft.

Pyramidal habit of growth with bluish-green, whipcord foliage, slightly silver tinged in winter.

2½ to 3 feet	27.50	.....
3 to 3½ feet	32.50	.....
3½ to 4 feet	37.50	.....
4 to 4½ feet	42.50	.....
4½ to 5 feet	47.50	.....

SCOPULORUM MOFFETI. 20-30 ft.

Pyramidal habit of growth with mixed green and silver foliage, more silver on tips of branches.

2½ to 3 feet	27.50	250.00
3 to 3½ feet	32.50	.....

SCOPULORUM PATHFINDER

A bluish-silver type of Scopulorum with very pyramidal habit of growth and with Arbor Vitae-like flat foliage. This variety is increasing rapidly in popularity.

2 to 2½ feet	22.50	.....
2½ to 3 feet	27.50	250.00
3 to 3½ feet	32.50	300.00
3½ to 4 feet	37.50	350.00
4 to 4½ feet	42.50	400.00
4½ to 5 feet	47.50	.....

EVERGREENS—Continued**JUNIPER—Continued****SCOPULORUM SILVER BEAUTY. 20-30 ft.**

Pyramidal habit of growth, full at base, with greenish silver foliage, more silver on tips of branches.

	Per 10	Per 100
2½ to 3 feet.....	\$27.50	\$
3 to 3½ feet.....	32.50	300.00
3½ to 4 feet.....	37.50	350.00
4 to 4½ feet.....	42.50	.....

SCOPULORUM WELCHII. 20-30 ft.

Grafted columnar type Scopulorum with greenish-silver foliage. Pyramidal habit of growth retained without shearing.

2½ to 3 feet.....	30.00	275.00
3 to 3½ feet.....	32.50	.....
3½ to 4 feet.....	37.50	.....
4 to 4½ feet.....	42.50	.....

VIRGINIANA, Red Cedar. 30-40 ft.

Platte River Strain. Upright growth, deep green foliage, sometimes silver. Excellent pyramidal tree if kept sheared. Can be sheared into any form.

18 to 24 inches.....	10.00	90.00
2 to 3 feet.....	14.00	125.00
3 to 3½ feet.....	16.50	150.00
3½ to 4 feet.....	20.00	185.00
4 to 5 feet.....	26.00	235.00
5 to 6 feet.....	37.50	350.00
6 to 8 feet.....	50.00	475.00
12 x 12 inches, Globe Sheared.....	12.50	110.00
15 x 15 " " ".....	16.00	135.00
18 x 18 " " ".....	18.00	165.00
24 x 24 " " ".....	22.50	200.00

VIRGINIANA BLUE RAPIDS. 30-40 ft.

Pyramidal growing Juniper carrying blue-green foliage retaining its good color throughout the fall and winter. Hardy.

3½ to 4 feet.....	35.00	.....
4 to 4½ feet.....	40.00	.....
4½ to 5 feet.....	45.00	.....
5 to 6 feet.....	55.00	.....
6 to 8 feet.....	65.00	.....

VIRGINIANA BURKI, Burk's Juniper. 10-12 ft.

Distinct blue, forming a dense column. Winter coloring metallic purple.

2½ to 3 feet.....	25.00	.....
3 to 3½ feet.....	30.00	275.00
3½ to 4 feet.....	35.00	325.00
4 to 4½ feet.....	40.00	375.00
4½ to 5 feet.....	45.00	425.00
5 to 6 feet.....	50.00	.....

VIRGINIANA CANNARTI, Cannart Red Cedar

Foliage deep rich green. One of the best of the many grafted varieties.

2½ to 3 feet.....	27.50	250.00
3 to 3½ feet.....	32.50	300.00
3½ to 4 feet.....	37.50	350.00
4 to 4½ feet.....	42.50	400.00
4½ to 5 feet.....	47.50	.....
5 to 6 feet.....	57.50	.....

EVERGREENS—Continued

JUNIPER—Continued

VIRGINIANA ELEGANTISSIMA LEE, Gold Tip Red Cedar. 12-15 ft.

Dark green foliage. Golden tipped in autumn.	Per 10	Per 100
2½ to 3 feet, sheared upright	\$25.00	\$
3 to 3½ feet, sheared upright	30.00	
3½ to 4 feet, sheared upright	35.00	

VIRGINIANA GLAUCA, Silver Red Cedar. 15-20 ft.

Of striking blue color all season. Growth rapid.		
2 to 2½ feet	22.50	200.00
2½ to 3 feet	27.50	250.00
3 to 3½ feet	32.50	300.00
3½ to 4 feet	37.50	350.00
4 to 4½ feet	40.00	

VIRGINIANA PYRAMIDALIS, Pyramidal Red Cedar. 20-25 ft.

Green foliage, narrow columnar habit of growth. An attractive Evergreen.		
3 to 3½ feet	32.50	300.00
3½ to 4 feet	35.00	
4 to 4½ feet	40.00	

VIRGINIANA PYRAMIDIFORMIS, Dundee Juniper. 15-20 ft.

The gray-blue color of this narrow pyramidal Juniper changes to purple during fall and winter.		
3½ to 4 feet	35.00	

PINE, Pinus

MONTANA MUGHUS, Mugho Pine. 3-4 ft.

Deep green in summer and winter. Free from insects and pests and will grow in almost any location.		
12 to 15 inches	14.00	125.00
15 to 18 inches	18.00	165.00
18 to 24 inches	22.50	200.00
2 to 2½ feet	27.50	250.00

NIGRA, Austrian Pine. 60-70 ft.

Deep rich green color. Growth close and compact. Coal gas and smoky atmospheres have very little effect on its growth.		
18 to 24 inches	12.50	110.00
2 to 3 feet	16.50	150.00
3 to 4 feet	25.00	225.00
4 to 5 feet	35.00	300.00
5 to 6 feet	40.00	375.00

PONDEROSA, Western Yellow Pine, Bull Pine. 50-100 ft.

Extra long, dark green needles resembling Austrian Pine, but more rapid grower. Very hardy.		
2 to 3 feet	16.50	150.00
3 to 4 feet	20.00	185.00
4 to 5 feet	27.50	250.00

SYLVESTRIS, Scotch Pine. 60-70 ft.

Light green in color. The rapidity of growth, great hardiness and the ease with which it may be grown on almost all soils has made this tree a favorite.		
2 to 3 feet	14.00	125.00
3 to 4 feet	17.50	160.00
4 to 5 feet	22.50	200.00

SPRUCE, PICEA

CANADENSIS, White Spruce. 60-80 ft.

Dense habit of growth with silvery green foliage. Beautiful hardy ornamental Spruce. Should be planted freely.		
18 to 24 inches	11.00	100.00
2 to 3 feet	15.00	135.00
3 to 4 feet	22.50	200.00
4 to 5 feet	25.00	

EVERGREENS—Continued

SPRUCE, PICEA—Continued

CANADENSIS ALBERTIANA, Black Hills Spruce. 40-50 ft.

Hardest of all Spruces. Symmetrical, compact and bushy habit of growth. Foliage varies from green to bluish tint.

	Per 10	Per 100
15 to 18 inches.....	\$10.00	\$ 85.00
18 to 24 inches.....	13.50	115.00
2 to 2½ feet.....	16.00	140.00
2½ to 3 feet.....	20.00	185.00
3 to 3½ feet.....	25.00	235.00
3½ to 4 feet.....	32.50	275.00
4 to 5 feet.....	40.00	350.00
5 to 6 feet.....	50.00	-----

EXCELSA, Norway Spruce. 70-80 ft.

Sharp, pointed needles, green in color. Used extensively for wind-breaks and general planting. Rapid growth.

18 to 24 inches.....	11.00	100.00
2 to 3 feet.....	15.00	135.00
3 to 4 feet.....	22.50	200.00
4 to 5 feet.....	30.00	-----

PUNGENS, Colorado Green Spruce. 60-80 ft.

Symmetrical upright habit. Light green, sometimes silvery foliage. Popular hardy tree. Succeeds in dry climates.

18 to 24 inches.....	14.00	125.00
2 to 2½ feet.....	16.50	150.00
2½ to 3 feet.....	22.50	200.00

PUNGENS GLAUCA MOERHEIMI, Moerheim Blue Spruce. 60-80 ft.

A symmetrical grafted type of Blue Spruce. Superior in color and compactness.

3½ to 4 feet.....	80.00	-----
4 to 4½ feet.....	100.00	-----

TAXUS, Yew

CUSPIDATA, Spreading Japanese Yew. 5-6 ft.

Spreading form. Dark green needles. Valuable for foundation planting.

15 to 18 inches.....	22.50	200.00
18 to 24 inches.....	27.50	250.00
2 to 2½ feet.....	32.50	-----

EVERGREENS FOR LINING OUT

The careful growing and handling of Evergreen Lining Out Stock means success or failure to the planter. Our stock is grown in rich, sandy loam, which builds a wonderful system of roots. With our experience in handling, the planter is assured of good results.

50 of any variety and size at the hundred rate

500 of any variety and size at the thousand rate.

Key: TTT—Three times Transplanted

RP—Root Pruned

TT—Two times Transplanted

S—Seedling

T—Once Transplanted

OUR ROOT PRUNED STOCK WILL PLEASE YOU

ABIES BALSAM (Balsam Fir)

Rapid grower. Color is dark green with lighter green on the underside. Each twig ends in a globule of balsam gum.

	Per 100	Per 1000
9 to 12 inches TTT.....	\$11.00	\$ -----
12 to 15 inches TTT.....	14.00	120.00

EVERGREENS FOR LINING OUT—Continued**ABIES CONCOLOR (Concolor Fir)**

Silvery toned foliage varying from sea-green to deep blue. Forms a compact, symmetrical tree.

	Per 100	Per 1000
12 to 18 inches TTT	\$16.00	\$..
9 to 12 inches TTT	13.00	110.00
9 to 12 inches T	10.00	---
6 to 9 inches T	8.00	75.00

ABIES DOUGLASI (Douglas Fir)

Makes a large symmetrical tree. Foliage bluish green. Very drought resisting and may be planted in dry soils where others cannot survive.

9 to 12 inches T	9.00	80.00
9 to 12 inches RP	6.50	55.00
6 to 9 inches T	7.00	60.00

JUNIPER, Named Varieties, Field grown grafts 18 to 24 inches TTT 65.00

" " " " " 12 to 18 inches TT 50.00

The following are evergreen grafts, on Juniper Virginiana understocks, that have been grown in the open field for one year. They are suitable for transplanting directly in the open field.

Juniper Virginiana Blue Rapids
 Juniper Virginiana Glauca
 Juniper Scopulorum Blue Heaven
 Juniper Scopulorum Dew Drop
 Juniper Scopulorum Fulgens
 Juniper Scopulorum Funalis
 Juniper Scopulorum Moffeti
 Juniper Scopulorum Pathfinder
 Juniper Scopulorum Silver Beauty
 Juniper Scopulorum Silver Cord
 Juniper Scopulorum Weiri
 Juniper Scopulorum Welch

JUNIPER CHINESE

Columnar growing evergreen with foliage light green, slightly bluish in color. Often used as an understock for grafting junipers.

	Per 100	Per 1000
9 to 12 inches T	\$10.00	\$ 90.00
6 to 9 inches T	7.50	65.00
9 to 12 inches, RP	7.50	65.00
6 to 9 inches RP	6.00	50.00

JUNIPER COMMUNIS DEPRESSA PLUMOSA (Andorra Juniper)

A low growing spreading dwarf Evergreen. Beautiful silvery green in spring turning to rich purple-bronze in Autumn.

12 to 15 inches TTT	20.00
9 to 12 inches TT	14.00
6 to 9 inches TT	12.00

JUNIPER SCOPULORUM (Colorado Type)

Silvery foliage and close symmetrical upright growth. Thrives in hot dry weather, when the color is the brightest. Very hardy.

15 to 18 inches TTT	20.00	180.00
12 to 15 inches TTT	18.00	160.00
12 to 15 inches TT	14.00	120.00
9 to 12 inches T	7.00	60.00
12 to 15 inches T	12.00	100.00
12 to 15 inches RP	7.50	65.00
9 to 12 inches RP	6.00	50.00

EVERGREENS FOR LINING OUT—Continued**JUNIPER VIRGINIANA (Platte River Type)**

Best Virginiana.	Per 100	Per 1000
2 to 3 feet TTT	\$25.00	\$225.00
18 to 24 inches TTT	20.00	180.00
9 to 12 inches TT	8.50	75.00

PICEA CANADENSIS ALBA (White Spruce)

Grows nearly as fast as Norway and is more compact. Makes good understocks for grafting. Seed obtained from Northern Minnesota.

	Per 100	Per 1000
18 to 24 inches TTT	\$25.00	\$200.00
12 to 18 inches TTT	20.00	170.00
9 to 12 inches TT	9.00	80.00
6 to 9 inches TT	8.00	70.00
12 to 18 inches T	9.00	80.00
9 to 12 inches T	7.50	65.00
9 to 12 inches RP	6.50	55.00
6 to 9 inches RP	5.50	45.00

PICEA CANADENSIS ALBERTIANA (Black Hills Spruce)

Needs no introduction. Seed obtained in the Black Hills of South Dakota.

9 to 12 inches TTT	15.00	130.00
6 to 9 inches TTT	12.00	100.00
6 to 9 inches TT	9.00	80.00
9 to 12 inches T	9.00	80.00
6 to 9 inches T	7.50	65.00
4 to 6 inches T	5.50	45.00
6 to 9 inches RP	6.00	50.00
4 to 6 inches RP	5.00	40.00

PICEA EXCELSA (Norway Spruce)

A fast growing tree with bright green foliage. Makes a good wind-break as well as an ornamental tree. Used for understocks. Seeds obtained in Northern Europe.

9 to 12 inches TT	12.00	100.00
12 to 18 inches T	9.00	80.00
6 to 9 inches T	6.00	50.00
6 to 9 inches RP	5.00	45.00

PICEA PUNGENS GLAUCA (Colorado Blue Spruce)

Foliage ranging from green to silver white. Very popular for lawn planting. We make an effort to get seeds from bluest trees in Colorado. We do not select the blue ones out before shipping.

9 to 12 inches TTT	20.00	180.00
6 to 9 inches TTT	16.00	140.00
6 to 9 inches TT	12.00	100.00
6 to 9 inches T	10.00	90.00
6 to 9 inches RP	7.00	60.00

PINUS BANKSIANA (Jack Pine)

Most northern of all pines. Hardy and fast growing. Foliage bright green.

18 to 24 inches RP	6.00	50.00
12 to 18 inches RP	5.00	40.00
9 to 12 inches RP	4.00	30.00

EVERGREENS FOR LINING OUT—Continued**PINUS MUGHUS DWARF**

Per 100 Per 1000

Dwarf pine of many branches. Used in rockeries and in foundation planting. Seed obtained from the Alps Mountains.

9 to 12 inches TTT.....	\$22.00	\$200.00
6 to 9 inches TTT.....	17.50	
9 to 12 inches TT.....	18.00	150.00
9 to 12 inches T.....	13.00	110.00
6 to 9 inches T.....	10.00	90.00
9 to 12 inches RP.....	8.50	75.00
6 to 9 inches RP.....	7.50	65.00
4 to 6 inches RP.....	5.00	40.00

PINUS NIGRA (Austrian Pine)

Valuable for windbreaks. Very hardy. Seed obtained from Austria and Nebraska. Will stand lots of drought.

18 to 24 inches TTT.....	25.00	220.00
9 to 12 inches T.....	8.00	70.00
6 to 9 inches T.....	6.00	50.00
12 to 18 inches RP.....	7.50	65.00
9 to 12 inches RP.....	5.00	40.00
6 to 9 inches RP.....	4.00	30.00
4 to 6 inches RP.....	3.00	20.00

PINUS PONDEROSA (Bull Pine)

A most valuable pine for ornamental, windbreak and timber planting. Very long needles and compact growth makes this tree a desirable one.

18 to 24 inches RP.....	8.50	
9 to 12 inches RP.....	5.00	40.00
6 to 9 inches RP.....	3.50	25.00
4 to 6 inches RP.....	1.80	15.00

PINUS STROBUS (White Pine)

Grows very fast. Will grow well on most any kind of soil. Valuable.

18 to 24 inches TTT.....	20.00	
12 to 15 inches TT.....	12.00	
9 to 12 inches T.....	7.00	60.00
9 to 12 inches RP.....	5.00	40.00
6 to 9 inches RP.....	4.00	30.00

PINUS SYLVESTRIS REGENSIS (Scotch Pine)

Regensis is the best known type of Scotch Pine grown. Is a valuable tree wherever pine trees are desired. Seed from Northern Europe.

18 to 24 inches TT.....	14.00	120.00
12 to 18 inches TT.....	12.00	100.00
9 to 12 inches RP.....	5.00	40.00
6 to 9 inches RP.....	4.00	30.00

THUJA ORIENTALIS

Columnar habit. Bright green attractive foliage.

9 to 12 inches RP.....	5.00	40.00
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ROSES

Growing and distributing Roses of best quality is one of our specialties.

We offer a splendid assortment of Northern California grown roses. These roses are carefully grown; well sprayed during the growing season and dug only when well matured. All roses are carefully graded under our personal supervision and with our exceptional storage facilities for the storing and handling of roses, we are in a position to supply first class plants which give satisfaction.

HYBRID TEA AND EVERBLOOMING

	Per 10	Per 100
No. 1	\$4.50	\$ 40.00
No. 1½	3.50	30.00
No. 2	2.10	18.00
No. XX, Heavy	5.00	45.00

RED SHADES

Ami Quinard, velvety crimson-maroon, vigorous and profuse.

Chas. P. Kilham, brilliant scarlet-carmine. Double.

E. G. Hill, great massive blooms of deep velvety-maroon.

Etoile de Hollande, dark velvety-red with fine fragrance.

Francis Scott Key, large, very double; rich crimson.

Glowing Carmine, lasting fragrant flowers of deep carmine; continuous bloomer.

Grenoble, long-stemmed beautifully shaped blooms of scarlet-crimson.

Gruss an Teplitz, medium sized, dark maroon blooms in clusters. Very hardy.

Hadley, deep velvety-crimson with velvety texture.

Margaret McGredy, full blooms of orange-scarlet.

McGredy's Scarlet, large brilliant scarlet shaded rose-pink.

Radiance Red, bright rose-red, form of Radiance.

Rouge Mallerin, double, well formed blooms of striking and lasting deep red.

Southport, brilliant, unfading scarlet roses with full, cupped flowers, very lasting and exceedingly fragrant.

Syracuse, scarlet-crimson on vigorous upright plant. Double.

Vaterland, dark red with coppery reflexes, large, double.

PINK SHADES

Betty Uprichard, salmon-pink stained with coppery-red.

Dame Edith Helen, excellent shape, glowing pink, double.

Editor McFarland, shapely buds and double, brilliant pink blooms.

Leonard Barron, light salmon and shell pink suffused with pale copper. Hardy.

Mrs. Chas. Bell, soft, salmon-pink, sweetly perfumed.

Radiance Pink, large, brilliant rose-pink. Very fragrant.

Rapture, large double deep pink blooms on long stems.

Souv de Mme. C. Chambard, large, semi-double, cupped, fragrant; outer petals rich rose-red; inner petals deep rose-pink, with golden glow at center.

YELLOW SHADES

Gloriana, a rose retaining its remarkable yellow color in the hottest weather, deepening to the two-toned deep color of Condesa de Sagato.

Golden Dawn, bud rich sunflower-yellow flushed old-rose. Double.

Golden Pernet, (Mons. Julien Potin), large, double Primrose yellow.

Golden Rapture, long lasting, beautifully formed buds, fully double blooms of rich yellow on long, strong stems. A vigorous grower.

Joanna Hill, large, yellow with bronze shadings in center. Fragrant, vigorous.

Lady Hillingdon, a popular deep apricot-yellow rose.

Lady Margaret Stewart, large deep yellow flushed orange-red.

Luxembourg, large, coppery-yellow flowers.

McGredy's Yellow, large bright buttercup-yellow flowers of perfect form and sweetly scented. The foliage is heavy and glossy, dark green on red stems.

Ophelia Golden, golden-yellow. Seedling of Ophelia.

Roslyn, large, double, deep golden-yellow. Vigorous grower.

Soeur Therese, double blooms of rich yellow. Vigorous.

Souv. de Claudius Pernet, beautiful long buds opening to full blooms of rich yellow.

Sunburst, rich yellow shaded coppery-orange.

Yellow Sagato, vigorous yellow sport of the popular bush variety.

ROSES—Continued**HYBRID TEA AND EVERBLOOMING—Continued****TWO-TONED SHADES**

- Edith Nellie Perkins**, pointed buds, rich orange outside and salmon-pink inside.
- Heinrich Wendland**, distinctly two-toned; large, double blooms of nasturtium-red inside, golden-yellow reverse.
- Hinrich Gaede**, bright vermilion toned gold; good form; fragrant, a distinct and excellent variety.
- Lady Forteviot**, fragrant, golden-yellow blooms changing to deep apricot.
- Los Angeles**, double, luminous coral-pink toned gold at base.
- Pres. Herbert Hoover**, beautifully colored buds and blooms of yellow with pink and flame tints.
- Talisman**, glowing golden-yellow stained copper red.

WHITE SHADES

- Caledonia**, large double white; long buds opening to large, double flowers.
- K. A. Viktoria**, popular, snowy white, double.
- Mme. Jules Bouche**, white with blush tints in center.

HYBRID TEA AND EVERBLOOMING

	Per 10	Per 100
No. 1	\$5.00	\$ 45.00
No. 1½	4.00	35.00
No. 2	2.40	20.00
No. XX Heavy	5.50	50.00

RED SHADES

- Brazier**, pointed buds of burnt-orange opening to a double fragrant flower of flame-scarlet.
- Poinsettia**, bud long-pointed; large, double open flowers of bright unfading scarlet. Vigorous, prolific bloomer.
- Red Talisman**, Talisman sport. Bud long-pointed; flower large, double, fragrant. Deep cerise-red blending into yellow shade at base.
- Temno**, a desirable dark maroon-red with velvety tones.

PINK SHADES

- Dainty Bess**, single, waxy petaled rose-pink; wine-red stamens.
- Numa Fay**, large well-shaped buds of pale orange-salmon shading to pale pink edges. Open flowers are pale salmon-pink.
- Peter's Briarcliff**, Briarcliff strain used by Florists for forcing.
- Picture**, velvety clear rose-pink with undertones of salmon. Very double.
- Pink Delight**, fragrant rose-pink. Often used for forcing.

TWO-TONED SHADES

- Contrast**, long-pointed bud opening to large, double high-centered flowers of pink and bronze, reverse white and bronze; long stem. Vigorous and profuse.
- Faience**, two-toned, soft peach and cadmium-yellow. This "Dutch Beauty" is regal in exquisite form from long, tapering bud to full-petaled opening of bloom.
- Talisman No. 5**, Talisman strain used by Florists for forcing.

Our Rose storage is air conditioned with temperature and humidity thermostatically controlled—the most modern refrigeration and air conditioning equipment available.

ROSES—Continued**BABY ROSES—Dwarf Polyantha and Floribunda.****Mostly California Grown**

	Per 10	Per 100
No 1	\$4.00	\$ 35.00
No. 1½	2.90	25.00
No. 2	1.80	15.00
No. XX Heavy	4.50	40.00

RED SHADES

Crimson Baby, small, semi-double, light crimson, dense clusters.

Edith Cavell, brilliant scarlet, overlaid velvety crimson.

Erna Teschendorf, bright red, semi-double flowers.

Eutin, large clusters of very double, deep red flowers on a vigorous mildew resistant bush.

Ideal, dark scarlet, borne in profusion. Immense, compact bunches.

***Kirsten Poulsen**, bright scarlet in clusters on long stems.

Red Gloria Mundi, sport of Gloria Mundi with more red predominating.

Sparkler, a fine, cluster-flowered type, brilliant red flowers.

Triomphe Orleanais, large clusters of cherry-red.

PINK SHADES

Chatillon, vivid, light salmon-pink, semi-double flowers in enormous heads.

Ellen Poulsen, double, bright rose-pink fragrant.

***Else Poulsen**, bright, rose-pink, semi-double, lasting.

Mrs. R. M. Finch, rosy-pink in large clusters; persistent bloomer.

***Pink Gruss an Aachen**, deep salmon rose colored sport of Gruss an Aachen.

YELLOW AND TWO TONED SHADES

Golden Salmon, bright orange-salmon. Fine for mass planting, blooms continually.

Golden Salmon Superior. An improvement on Golden Salmon.

Orange Triumph, salmon-red with orange shadings, blooming in enormous clusters.

Varieties () are classed as Floribunda.

RUGOSA, HYBRIDS AND MISCELLANEOUS**Mostly Own Roots**

	Per 10	Per 100	Per 1000
Agnes , double yellow rugosa, fragrant, blooms early.			
3 to 4 feet	\$4.50	\$40.00	\$
2 to 3 feet	4.00	35.00	.....
18 to 24 inches	2.90	25.00	.....
12 to 18 inches	2.10	18.00	.....
Amelia Gravereaux , carmine-red, borne on long stems.			
3 to 4 feet	4.50	40.00	.....
2 to 3 feet	4.00	35.00	.....
18 to 24 inches	3.50	30.00	.....
12 to 18 inches	2.50	22.00	.....
Austrian Copper , single brilliant orange-red flowers inside, yellow outside.			
2 to 3 feet	4.00	35.00	.....
18 to 24 inches	3.50	30.00	.....
Belle Poitevine , bright pink in clusters, everblooming.			
2 to 3 feet	2.70	24.00	220.00
18 to 24 inches	2.40	20.00	180.00
12 to 18 inches	1.70	14.00	120.00
Blanda , soft pink flowers borne in clusters.			
3 to 4 feet	2.90	25.00	.....
2 to 3 feet	2.40	20.00	.....
18 to 24 inches	1.90	16.00	.....
12 to 18 inches	1.40	12.00	.....

ROSES—Continued

RUGOSA HYBRIDS AND MISCELLANEOUS—Continued

Carolina , bright rose-pink flowers borne singly in clusters.	Per 10	Per 100	Per 1000
2 to 3 feet.....	\$2.40	\$20.00	\$.....
18 to 24 inches.....	1.90	16.00	.....
12 to 18 inches.....	1.40	12.00	.....
Dr. Eckener , large, semi-double flowers, coppery rose in center.	Vigorous and hardy.		
2 to 3 feet.....	4.00	35.00	.....
18 to 24 inches.....	3.50	30.00	.....
12 to 18 inches.....	2.50	22.00	.....
F. J. Grootendorst , small bright red flowers in clusters.			
2 to 3 feet.....	4.50	40.00	.....
18 to 24 inches.....	4.00	35.00	.....
12 to 18 inches.....	2.90	25.00	.....
9 to 12 inches.....	2.40	20.00	180.00
Grootendorst Pink , charming pink variety of Grootendorst.			
2 to 3 feet.....	4.50	40.00	.....
18 to 24 inches.....	4.00	35.00	.....
Grootendorst Supreme , sport of F. J. Grootendorst with deeper crimson-red longer-lasting flowers than its parent.			
2 to 3 feet.....	4.50	40.00	.....
18 to 24 inches.....	4.00	35.00	.....
12 to 18 inches.....	2.90	25.00	.....
Hansa , double, reddish flowers of large size.			
2 to 3 feet.....	2.90	25.00	.....
18 to 24 inches.....	2.40	20.00	.....
Hugonis , light yellow flowers borne profusely along the branches. Very hardy, blooms very early.			
3 to 4 feet.....	4.00	35.00	.....
2 to 3 feet.....	3.20	28.00	.....
18 to 24 inches.....	2.50	22.00	.....
12 to 18 inches.....	2.10	18.00	.....
Lucida , bright pink flowers followed by shining red fruit.			
3 to 4 feet.....	3.50	30.00	.....
2 to 3 feet.....	2.70	24.00	220.00
18 to 24 inches.....	2.40	20.00	180.00
12 to 18 inches.....	1.70	14.00	.....
Max Graf , See Climbers and Ramblers for description and prices.			
Mrs. Anthony Waterer , double crimson, Rugosa foliage.			
2 to 3 feet.....	2.90	25.00	.....
18 to 24 inches.....	2.40	20.00	.....
12 to 18 inches.....	1.80	15.00	.....
Rugosa Alba , splendid foliage with single white blooms.			
18 to 24 inches.....	4.00	35.00	.....
12 to 18 inches.....	2.90	25.00	.....
Rugosa Rubra , large single flowers of various shades of pink, magenta, and rosy crimson, blooms early.			
3 to 4 feet.....	3.50	30.00	.....
2 to 3 feet.....	2.70	24.00	220.00
18 to 24 inches.....	2.40	20.00	180.00
12 to 18 inches.....	1.70	14.00	.....
Setigera , bright pink flowers, big clusters, blooms late.			
3 to 4 feet.....	2.90	25.00	.....
2 to 3 feet.....	2.40	20.00	180.00
18 to 24 inches.....	1.90	16.00	140.00
12 to 18 inches.....	1.40	12.00	100.00
Sir Thomas Lipton , snowy white flowers of good size.			
2 to 3 feet.....	2.90	25.00	.....
18 to 24 inches.....	2.40	20.00	.....
12 to 18 inches.....	1.80	15.00	.....

ROSES—Continued**CLIMBERS AND RAMBLERS**

California Grown

Our Climbing Roses are mostly on own roots, are good stock, well graded, and we are confident will please.

Brownell Hardy Climbers—See Patented Roses for prices and description.

Chaplins Pink , a fine pink rose. Paul's Scarlet type.	Per 10	Per 100	Per 1000
No. 1	\$4.00	\$35.00	\$
No. 1½	3.20	28.00	.....

Climbing American Beauty, flowers rich red to Crimson.

XX, Heavy	4.50	40.00	.....
No. 1	4.00	35.00	.....
No. 1½	3.20	28.00	.....
No. 2	2.40	20.00	.....

Crimson Rambler, beautiful dazzling scarlet-red borne in giant sprays.

XX, Heavy	3.50	30.00	.....
No. 1	2.90	25.00	.....
No. 1½	2.40	20.00	.....
No. 2	1.80	15.00	.....

Dorothy Perkins, soft shell pink flowers.

XX, Heavy	3.50	30.00	.....
No. 1	2.90	25.00	.....
No. 1½	2.40	20.00	.....
No. 2	1.80	15.00	.....

Dr. Van Fleet, pale pink buds and flowers on long stems.

XX, Heavy	4.50	40.00	.....
No. 1	4.00	35.00	.....
No. 1½	3.20	28.00	.....
No. 2	2.40	20.00	.....

Excelsa, double scarlet crimson blooms.

XX, Heavy	3.50	30.00	.....
No. 1	2.90	25.00	.....
No. 1½	2.40	20.00	.....
No. 2	1.80	15.00	.....

Flash—See Patented Roses for prices and description.

Flower of Fairfield, deep crimson, similar to Crimson Rambler.

XX, Heavy	3.50	30.00	.....
No. 1	2.90	25.00	.....
No. 1½	2.40	20.00	.....
No. 2	1.80	15.00	.....

Gardenia, yellow buds and creamy flowers with rich yellow centers.

XX, Heavy	4.50	40.00	.....
No. 1	4.00	35.00	.....
No. 1½	3.20	28.00	.....
No. 2	2.40	20.00	.....

Horvath Setigera Climbers—See Patented Roses for prices and descriptions.

Jacotte, deep orange-yellow, tinted coppery-red.

No. 1	4.00	35.00	.....
No. 1½	3.20	28.00	.....
No. 2	2.40	20.00	.....

King Midas—See Patented Roses for prices and description.

ROSES—Continued

CLIMBERS AND RAMBLERS—Continued

Mary Wallace , outstanding large flowered pink climber.	Per 10	Per 100	Per 1000
XX, Heavy	\$4.50	\$40.00	\$
No. 1	4.00	35.00	.....
No. 1½	3.20	28.00	.....
No. 2	2.40	20.00	.....
Max Graf , vigorous trailing plant. Rugosa foliage with bright pink, golden centered blossoms in June.			
No. 1½	2.90	25.00	.....
Mme. Gregoire Staechelin , pink blooms with lightly curled petals on long stems.			
No. 1	4.00	35.00	.....
No. 1½	3.20	28.00	.....
No. 2	2.40	20.00	.....
Paul's Scarlet , intense scarlet flowers of excellent shape and good size, borne in clusters.			
XX, Heavy	4.50	40.00	.....
No. 1	4.00	35.00	.....
No. 1½	3.20	28.00	.....
No. 2	2.40	20.00	.....
Primrose , hardy, double canary-yellow flowers.			
XX, Heavy	4.50	40.00	.....
No. 1	4.00	35.00	.....
No. 1½	3.20	28.00	.....
No. 2	2.40	20.00	.....
Royal Scarlet , similar to Paul's Scarlet but smaller and deeper in color.			
XX, Heavy	4.50	40.00	.....
No. 1	4.00	35.00	.....
No. 1½	3.20	28.00	.....
No. 2	2.40	20.00	.....
Seven Sisters , double, deep pink, borne in large clusters.			
No. 1	2.90	25.00	.....
No. 1½	2.40	20.00	.....
No. 2	1.80	15.00	.....
Silver Moon , large buds, creamy white flowers semi-double, golden anthers, small sprays.			
XX, Heavy	3.50	30.00	.....
No. 1	2.90	25.00	.....
No. 1½	2.40	20.00	.....
No. 2	1.80	15.00	.....
Tausendschon , large clusters, flowers soft pink to white.			
XX, Heavy	3.50	30.00	.....
No. 1	2.90	25.00	.....
No. 1½	2.40	20.00	.....
No. 2	1.80	15.00	.....
White Dorothy , small double flowers, creamy white in great clusters.			
XX, Heavy	3.50	30.00	.....
No. 1	2.90	25.00	.....
No. 1½	2.40	20.00	.....
No. 2	1.80	15.00	.....
Wichuriana (Memorial Rose), Clusters of white flowers, trailing habit, glossy leaves fine ground cover.			
No. 1	2.70	24.00	220.00
No. 1½	2.25	19.00	160.00

Our Rose storage is air conditioned with temperature and humidity thermostatically controlled—the most modern refrigeration and air conditioning equipment available.

ROSES—Continued

PATENTED ROSES

We are offering these Roses under license from patentee, and it is understood and agreed that they are FOR SALE AT RETAIL ONLY, at prices specified, 1 to 10 at each rate; 10 to 20 at 10 rate; 20 to 250 at 100 rate. Prices are NET.

ALL-AMERICA ROSE SELECTIONS

All-America Rose Selections, A.A.R.S., an organization of the leading Rose growers located in various parts of the United States, was organized in 1938 for the purpose of testing and selecting new varieties of roses of outstanding merit. The organization maintains fifteen official test gardens located in all parts of the country for the testing and judging of proposed new varieties. One test garden is maintained on our nurseries, Shenandoah, Iowa.

We offer the following varieties of roses which have secured the award of "All-America Rose Selections". These are the finest of the new varieties.

	Each	Per 10	Per 100
Apricot Queen , Patent No. 464. (Retails \$1.25 each; \$12.50 per doz.) Orange and apricot at base, merging to salmon-rose and phlox pink. Long-pointed buds with fully developed flower showing regular well placed petal arrangement.	\$0.75	\$ 7.00	\$ 60.00
California , Patent No. 449. (Retails \$1.50 each; \$15.00 per doz.) Ruddy-orange toned with saffron-yellow, with exterior of the broad petals overlaid with Saturn rose—a dual tone effect of indescribable richness and beauty. Long pointed buds opening to flowers of enormous size, reaching a diameter of 5 inches to 6 inches.	1.00	9.00	75.00
Charlotte Armstrong , Patent No. 455. (Retails \$1.25 each; \$12.50 per doz.) Unique color with long slender blood-red buds opening to magnificent brilliantly colored open flowers, spectrum-red in cool weather, cerise in hot weather. The long stemmed blooms are produced in great quantities throughout the season and are ideal for cutting because they open slowly and are beautiful until the last petals drop. ....	.75	7.00	60.00
Flash , Patent No. 396. (Retails \$1.00 each; \$10.00 per doz.) Climber or Pillar Rose of glowing vivid, orange-scarlet; center gleaming yellow with golden anthers. Blooms early June and continuing for weeks. ....	.60	5.50	50.00
Grande Duchesse Charlotte , H.T., New. (Patent applied for) (Retails \$1.50 each; \$15.00 per doz.) The beautiful, long streamlined buds are glowing Morocco-red and open to 25 firm-petaled blooms of dusky coral red which do not fade, but gradually merge to a soft coral pink. Award of "All-America Rose Selections" for 1942.	1.00	9.00	75.00
Heart's Desire , Patent No. 501. (Retails \$1.50 each; \$15.00 per doz.) The color is a pure even shade of luminous red, without any shadings of maroon. It is sun-proof even in the hottest weather and does not burn. One of the chief points of this new rose is fragrance. Plant is of exceedingly vigorous growth, prolific bloomer with buds of superb form and open blooms holding their shape until last petal drops.	1.00	9.00	75.00
Lowell Thomas , (Patent applied for.) (Retails \$2.00 each; \$20.00 per doz.) Bud large, long-pointed; flower large, very double (35 to 40 petals), high-centered, lasting, clear canary-yellow, on strong stem. Vigorous, compact, bushy plants; upright, intermittent bloomer. New. AARS 1943 award.	1.25	11.00	-----

ROSES—Continued

PATENTED ROSES—Continued

	Each	Per 10	Per 100
Mary Margaret McBride , Patent No. 537. (Retail \$1.50 each; \$15.00 per doz.) The buds are deep salmon-pink, almost reddish in fall, and the suffusion of yellow becomes a gold at base of petals. Rose full having about 45 petals. Bush strong and vigorous in growth producing great numbers of long stemmed roses excellent for cutting. Award of "All-America Rose Selections" for 1942. \$1.00	\$ 9.00	\$	
Mme. Chiang Kai-shek , (Patent applied for.) (Retail \$2.00 each; \$20.00 per doz.) Bud very large, long-pointed; flower unusually large, double (24 to 30 petals), high-centered, lasting. Empire to lemon-yellow turning lighter as the blooms mature on long stem. Vigorous, upright and compact; abundant bloomer. New. AARS 1943 award. 1.25	11.00	100.00	
The Chief , Patent No. 456. (Retail \$1.00 each; \$10.00 per doz.) 1940 "All-America Rose Selections". Extremely long buds of flame rose, opening to a large flower of flame, coral and copper turning to orange-pink with age. Rich fragrance; spreading vigorous plant resistant to mildew. .60	5.50	50.00	

HYBRID TEA

	Each	Per 10	Per 100
Anzac (Patent applied for) (Retail \$1.50 each; \$15.00 per doz.) Large buds of azalea-pink opening to large, unusually double flowers with coppery-scarlet sheen, on long stem. \$1.00	\$ 9.00	\$ 75.00	
Bright Wings (Patent applied for.) (Retail \$1.50 each; \$15.00 per doz.) Beautiful buds of rosy burnt-orange color opening to a 4 to 5 inch flower turning coral-pink showing golden anthers in center. 1.00	9.00	75.00	
Crimson King (Patent applied for) (Retail \$1.50 each; \$15.00 per doz.) Well formed blooms of velvety crimson on strong stems. A cross with Crimson Gloy. 1.00	9.00	-----	
Douglas Mac Arthur , Patent No. 581. (Retail \$1.50 each; \$15.00 per doz.) Bud large, long-pointed; flower large and double, full, high-centered and lasting. Delft rose, slightly bronze at base of petals. Continuous bloomer. 1.00	9.00	-----	
Fantastique (Patent applied for.) (Retail \$1.50 each; \$15.00 per doz.) An interesting type with plant habit similar to Gruss an Aachen. The lovely creamy-yellow flowers have the edge of each recurved petal brushed with vivid carmine. 1.00	9.00	75.00	
Jewel , Patent No. 382. (Retail \$1.00 each; \$10.00 per doz.) Sport of "Better Times". Brilliant velvety-red which does not fade. Long-pointed bud of slightly darker color. The flower of about 45 petals measures about 5 inches across when open and has pleasing fragrance. .60	5.50	50.00	
Mme. Henri Guillot , Patent No. 337. (Retail \$1.25 each; \$12.50 per doz.) a charming, two-toned rose. The Artistic, long urn-shaped buds open to 20 petaled flowers, 4½ inches across, watermelon to raspberry-pink color with golden base. .75	7.00	60.00	

Our Rose storage is air conditioned with temperature and humidity thermostatically controlled—the most modern refrigeration and air conditioning equipment available.

ROSES—Continued

PATENTED ROSES—Continued

	Each	Per 10	Per 100
Pearl Harbor (Patent applied for) (Retails \$1.50 each; \$15.00 per doz.) Light poppy-pink, reverse China rose on long stem. Bud large, long-pointed; flower exceptionally large, double and high-centered.	\$1.00	\$ 9.00	\$ 75.00
Santa Anita , Patent No. 539. (Retails \$1.00 each; \$10.00 per doz.) Perfectly formed long pointed buds unfold into glorious flowers of crystal clear peach-blossom pink. ....	.60	5.50	50.00
Texas Centennial , Patent No. 162. Hoover sport. Bright vermilion red with light tone of gold at base. Petals lighter red at center gradually toning to deep rich pink as the bloom ages. ....	.50	4.50	40.00
Will Rogers , Patent No. 256. (Retails \$1.00 each; \$10.00 per doz.) Dark velvety-crimson maroon, double, free bloomer. Strong vigorous dark green foliage. ....	.60	5.50	50.00

FLORIBUNDA

Donald Prior , Patent No. 377. (Retails \$1.00 each; \$10.00 per doz.) The large flowers are semi-double bright scarlet, flushed crimson, fragrant. Free flowering. One of the most striking colors of Floribunda group. ....	.60	5.50	50.00
Permanent Wave , Patent No. 107. (Retails \$1.00 each; \$10.00 per doz.) Large, semi-double flowers of rosy-pink with cerise edges. Petals are waved permanently from bud stage to the finish. Vigorous and bushy. ....	.60	5.50	50.00

CLIMBERS

Flash , Patent No. 396. (Retails \$1.00 each; \$10.00 per doz.) Climber, glowing, vivid, orange-scarlet; center gleaming yellow with golden anthers. Blooms early June and continuing for weeks. ....	.60	5.50	-----
King Midas , Patent No. 586. (Retails \$1.50 each; \$15.00 per doz.) A new hardy free blooming golden-yellow Climber with large, double, high-centered flowers with good form. The buds are touched with red.	1.00	9.00	75.00

NEW HORVATH SETIGERA ROSES

Hardiness and vigor of growth as well as profusion of bloom characterize this new race of roses. Some are climbers and others are compact shrubs with fine glossy foliage.

	Each	Per 10	Per 100
Federation , Patent No. 287. (Retails \$1.50 each; \$15.00 per doz.) Brilliant and sparkling rose-pink flowers with lighter center, orange undertone, produced on stems 12 to 24 inches long. Ultimate height 12 to 14 feet.	\$1.00	\$ 9.00	\$ 75.00
Hercules , Patent No. 296. (Retails \$2.00 each; \$20.00 per doz.) Huge flowers of clear rose-pink, slow in opening and long lasting; abundantly produced on stem and laterals. Ultimate height 14 to 15 feet.	1.25	11.00	100.00

Our Rose storage is air conditioned with temperature and humidity thermostatically controlled—the most modern refrigeration and air conditioning equipment available.

ROSES—Continued

PATENTED ROSES—Continued
NEW HORVATH SETIGERA ROSES—Continued

	Each	Per 10	Per 100
Mabelle Stearns , Patent No. 297. (Retail \$1.50 each; \$15.00 per doz.) Peach-blossom-pink with silvery reflexed petals, center showing orange undertone, and produced in panicles. Everblooming. Ultimate height about 2 feet, spreading from 6 or 8 feet, if permitted.	\$1.00	\$ 9.00	\$ 75.00
Mercurius , Patent No. 385. (Retail \$2.00 each; \$20.00 per doz.) Sparkling two-toned apricot and coral-pink. Large open flowers are produced abundantly on stem and laterals. Ultimate height 7 to 9 feet.	1.25	11.00	100.00
Polaris , Patent No. 386. (Retail \$1.50 each; \$15.00 per doz.) A free blooming, hardy, vigorous climber producing pure white flowers, often 2 inches in diameter and in large clusters.	1.00	9.00	75.00
Thor , Patent No. 337. (Retail \$2.50 each; \$25.00 per doz.) Perfectly formed flowers of brilliant scarlet-red are slow in opening and measure 4 to 5 inches when fully open. Produced abundantly on stiff spur branches 12 to 18 inches long. Ultimate height about 8 to 10 feet.	1.50	14.00	125.00

BROWNELL SUB-ZERO HYBRID TEA

A new race from hardier Species, Wichuriana hybrids, that can bloom all summer along with the more tender Hybrid Teas. The originator reports flowers of equal merit in size, form, fragrance and color, and plants many times longer lived even after sub-zero winters.

	Each	Per 10	Per 100
Anne Vanderbilt , Patent No. 504. (Retail \$1.50 each; \$15.00 per doz.) Exquisite coppery orange, informal, semi-double, very brilliant, fragrant.	\$1.00	\$ 9.00	\$ 75.00
Break O'Day , Propagation rights reserved. (Retail \$1.50 each; \$15.00 per doz.) Orange to apricot, large flowers, very vigorous, free bloomer, delightfully inspiring.	1.00	9.00	75.00
Shades of Autumn , Patent No. 542. (Retail \$1.50 each; \$15.00 per doz.) An abundant and joyous expression of bi-colored beauty.	1.00	9.00	75.00

BROWNELL SUB-ZERO HARDY CLIMBERS

Copper Glow , Patent No. 458. (Retail \$1.50 each; \$15.00 per doz.) Deep coppery orange, delightful spicy fragrance, latest color sensation.	1.00	9.00	-----
Golden Glow , Patent No. 263. (Retail \$1.50 each; \$15.00 per doz.) This is the spectrum yellow fragrant, abundant mass color display—of which the N.Y. World's Fair Management planted 200, named the area "Rose Court" and they were proud of the display.	1.00	9.00	-----
Golden Pyramid , Propagation rights reserved. (Retail \$1.50 each; \$15.00 per doz.) Cadmium yellow, most vigorous of all climbers.	1.00	9.00	75.00

Our Rose storage is air conditioned with temperature and humidity thermostatically controlled—the most modern refrigeration and air conditioning equipment available.

PEONIES

All stock offered is strong 3 to 5 eye divisions, cut from young, thrifty stock, free from disease and insects of all kinds. The figures after the name of the variety imply the rating as given these Peonies by the American Peony Society.

300 or more at 1,000 rate (where published)

	Per 10	Per 100	Per 1000
Archie Brand , 7.5. Large round, full rose-type blossoms of shell-pink.	\$1.90	\$16.00	\$
Claire Dubois , 8.7. Rich satin-pink with silvery tints. Late.	2.10	18.00	160.00
Couronne D'Or (Crown of Gold) 8.1. Late mid-season. Snow-white, center petals tipped with red and with yellow stamens.	1.90	16.00	-----
Duchess De Nemours , 8.1. Early. Pure white, always a good bloomer.	2.10	18.00	160.00
Felix Crousse , 8.4. Mid-season, brilliant ruby-red.	2.10	18.00	160.00
Festiva Maxima , 9.3. Early. Immense flowering, pure white, flecked with crimson.	2.10	18.00	-----
Frances Willard , 9.1. Late mid-season. Exquisite blush changing to pure white, with a few faint red lines.	3.20	28.00	250.00
Karl Rosefield , 8.8. Mid-season, brilliant velvety-crimson blooms.	2.10	18.00	160.00
Lady Alexander Duff , 9.1. Very large, light blush-pink flowers on strong stems. Blooms in mid-season.	2.40	20.00	-----
Mme. de Verneville , 7.0. Early. Large white flowers with crimson markings, a reliable, sure bloomer.	2.10	18.00	-----
Mons. Jules Dessert , 9.4. Midseason. Large flowers of creamy white, overlaid with faint tints of pink and buff. A very free bloomer.	3.20	28.00	250.00
Mons. Jules Elie , 9.2. Immense flowers of glowing lilac-pink, shading to deeper rose, overlaid with a sheen of silver. Mid-season.	4.00	35.00	-----
Myrtle Gentry , 9.1. Late. Blooms light pink, gradually fading to almost pure white, having the fragrance of a Tea Rose.	4.00	35.00	-----
Officinalis Rubra , 8.6. Earliest good double, vivid, cherry-red.	3.20	28.00	-----
Reine Hortense , 8.7. Mid-season. Large, fine blooms of rose-pink, flecked with crimson. Free blooming, fragrant.	2.10	18.00	160.00
Sarah Bernhardt , 9.0. Apple-blossom-pink with silvery edges on petals. Mid-season.	2.50	22.00	200.00

Single and Japanese Types

Single Peonies are novelties, providing a richness of color and color combinations that cannot be secured in the double flowering varieties.

The following descriptions were written in the field at blooming time.

	Per 10	Per 100
Fairy Queen . This variety produces blooms in clusters of 4 to 6 blooms per cluster. It is a deep pink with small, short yellow stamens. A very attractive variety.	\$3.50	\$30.00
Golden Pyramid . This is a single dark red variety with large golden stamens. A very free bloomer, extra good variety. Would say it is an outstanding variety.	3.50	30.00
Jacqueline . A single cream color. Stamens are not bright yellow but are light yellow fading to a white.	3.50	30.00
Pink Princess . Comes out a dark pink fading to light pink, yellow stamens.	3.50	30.00
Pride of Shenandoah . This is an outstanding variety. We would call it a single Mons. Martin Cahuzac. It is semi-double, deep red, the same color as Mons. Martin Cahuzac, with yellow center.	3.50	30.00
Red Rover . Single light red, yellow stamens, medium size.	3.50	30.00

PERENNIALS

We have one of the largest and most complete assortments of Hardy Perennials, Alpine and Rock Garden plants of any nursery in the Middle West. Our plants are, except as specified, field grown, properly transplanted to give the necessary root development for high class landscape planting.

We have approximately 60 acres of overhead irrigation, devoted to the propagation of our Perennial and Rock Garden plants. We have searched the world over for new varieties of seeds and plants.

All perennials should be shipped by express. They are very perishable and should not be included in a freight shipment.

RG indicates the adaptability for rock garden planting.

	Per 10	Per 100
ACHILLEA— Milfoil or Yarrow (RG)		
Ptmarica, The Pearl. Large double white. 18 in. June-July.....	\$ 1.15	\$ 9.00
ALTHEA ROSEA, Hollyhock.		
Double Varieties	1.20	10.00
Colorado Sunset, Salmon rose		
Haille Selassie, Maroon, almost black		
Purple Amaranth, Deep purple		
ALYSSUM, Rock Madwort (RG)		
Saxatile Compactum (Basket of Gold.) Masses of bright yellow flowers. Sprawling habit. 10 in. May.	1.20	10.00
ANCHUSA, Bugloss.		
Italica Var. Dropmore. Bright blue. 3 to 4 ft. All summer.....	1.15	9.00
Myosotidiflora (RG) Dwarf. Clusters of Gentian blue forget-me-not like flowers. 12 in. May-June.	1.40	12.00
ANEMONE, Windflower (RG)		
Pulsatilla. Violet. 12 in. April-May.	1.80	15.00
AQUILEGIA, Columbine. May-June. (RG)		
Clematiflora. Spurless Columbine with beautiful open flowers like Clematis. Contains all lovely pastel shades.....	1.40	12.00
Crimson Star. Large flowers of the most striking crimson with white corolla. Blooms in May-June. 24 in.	1.80	15.00
Dobbies Imperial Hybrids. Fine, wide assortment of colors, very sturdy, of great size. A recent English triumph.....	1.40	12.00
Longissima. Delicate pale yellow. Extra long spurs.....	1.40	12.00
Long Spurred Pink. Rose shades. Extra long spurs.....	1.20	10.00
Mrs. Scott Elliott's Long Spurred Hybrids. Finest of all long-spurred mix- tures, striking colors and combinations. 3 ft.	1.20	10.00
Rose Queen. Rose shades, White, Corolla.....	1.20	10.00
ARMERIA.		
Formosa Hybrids. Shades of rose and pink. Good sized flowers on stems 2 ft. High.	1.40	12.00
ASCLEPIAS, Butterfly Weed (RG)		
Tuberosa. Brilliant orange flowers, decorative seed pods. July and August. 18 in.	1.15	9.00

ASTERS

NEW DWARF VARIETIES (RG)

Profuse bloomers, truly dwarf, rarely exceeding one foot in height, and perfectly hardy. Blooms in September.

Lilac Time. Deep violet-blue flowers are produced on well rounded bushy plants growing to a height of 15 in. Blooms mid-September.....	1.40	12.00
Nancy. Lively flesh-pink flowers literally cover this dwarf bushy plant in late September. 1 ft.	1.40	12.00
Victor. The dwarfest of all, growing 9 inches tall, covered with good sized flowers of beautiful, clear lavender blue. Blooms early September.....	1.40	12.00

UPRIGHT TYPES. Starwort or Michaelmas Daisy.

The following varieties of Upright Asters are new and improved varieties.
Very large in bloom and extremely colorful.

Mt. Everest. Finest and best white. Very tall, well shaped, pointed pyramids, with an abundance of lateral growth, which flowers right down to the ground. Very small eye. 3 to 4 ft.	1.80	15.00
Royal Blue. Large, semi-double, clear blue. 2½ ft. September.....	1.40	12.00

PERENNIALS—Continued

	Per 10	Per 100
BOLTONIA, False Chamomile.		
<i>Latisquama.</i> Pink, aster-like flowers. September. 4 ft.-----	\$ 0.95	\$ 8.00
CAMPANULA, Belleflower.		
<i>Calycanthemum</i> (Cup and Saucer). In separate colors, Blue, Rose and White.		
Tall, erect plants covered with large cup and saucer shaped flowers		
during late May and June. A perfect plant for the old fashioned, hardy		
garden. -----	1.20	10.00
Medium (Canterbury Bells). In separate colors, Blue, and Rose. June. 2 ft.	1.20	10.00
CENTAUREA, Hardheads or Knapweed.		
<i>Montana.</i> Violet-blue flowers, large. July to September. 2 ft.-----	1.15	9.00

CHRYSANTHEMUMS

Dormant plants on all varieties of early blooming Chrysanthemums are difficult to store. We recommend well established pot plants that will bloom the following fall. Varieties (*) starred can be furnished in both dormant and potted stock. Varieties not starred are available in pot plants only. Please specify your preference.

CUSHION Chrysanthemums , Sometimes called "Million Mums" or "Azaleamums".		
A group of low-growing Chrysanthemums, forming mounds of blooms, reminding one of the old-fashioned Azalea. The plants grow about 10 or 12 inches high. Our stock is of improved strains. Most varieties begin blooming late August and bloom until frost.		
* Bronze Cushion. As the flowers first open, they are a warm, rich red bronze, then turning to a bronzy yellow with a light red center. Later, lighten to a beautiful golden bronze shade.-----	1.70	14.00
Dean Kay Pink. Deep pink color, similar to pink cushion, except larger.-----	1.80	15.00
Dean Kay Yellow. An improved Yellow Cushion Chrysanthemum, very worth while. -----	1.80	15.00
Dean Ladd. An improved reddish-bronze Cushion Chrysanthemum. Flowers 2 to 2½ in. Height 18 in.-----	1.80	15.00
* Pink Cushion. Flowers open to a deep, orchid-pink, then change to a light orchid with a creamy center, finally salmon-pink with a soft yellow center. Has a record of 3,000 flowers the first year per plant. Very hardy.-----	1.40	12.00
Red Cushion. Pure fiery red. Multitude of beautiful 2 to 2½ in. flowers.-----	1.70	14.00
* White Cushion. Snow white flowers with a faint yellow center.-----	1.70	14.00
Yellow Cushion. Pure golden yellow, very brilliant. Develops into large dense clumps, often measuring 24 to 30 inches across. Producing hundreds of strikingly beautiful flowers. Flowering the first of October.-----	1.80	15.00

UPRIGHT CUT FLOWER VARIETIES.

These are the Chrysanthemums which you grow in your garden. Suitable for cut flower purposes. Flowers are large and all up-right stems. We guarantee the following varieties to be all early bloomers under normal conditions and to bloom either in September or early October.

Algonquin (Bristol) Fine, brilliant, double yellow. Mid-September. 18 inches.	1.80	15.00
Barbara Cumming (Bristol). Large, bronze-yellow. 3 inches across blooms. Early September. Height 18 in.-----	1.40	12.00
* Clara Curtis (Bristol). Produces great masses of fragrant pink, daisy-like blooms. Early September. Single. 2 ft.-----	1.40	12.00
* Early Bronze. Pom Pom. Bronze yellow, free blooming, early flowering. Late August. 18 in.-----	1.40	12.00
Eugene A. Wander (Bristol). Sparkling, golden-yellow blooms. Early September. Height 18 in.-----	1.80	15.00
Mt. Ranier (U.S.D.A.) Very fine white variety. The best of all new white varieties. Early September. 18 inches-----	1.80	15.00
* Mrs. P. S. Dupont. A lovely soft peach pink tinted rosy salmon and fawn. Full flower in early October.-----	1.80	15.00
* Normandy Pink. Large, creamy-pink. Late September. 18 in.-----	1.20	10.00
* Pale Moon. (Bristol). Large, fluffy blossoms, soft yellow. Early October. 2 ft.-----	1.40	12.00
Red Flare. Pom Pom. Matures October 15th. 20 in.-----	1.40	12.00
Rose Glow (Bristol). Raspberry, rose-pink. Mid-September. 2 ft.-----	1.40	12.00
* Ruth Marion Hatton (Bristol). Bright, canary-yellow blooms 3 inches across. Height 2 ft. Blooms early October.-----	1.40	12.00
* September Jewells. Blooms 2 to 4 weeks ahead of any other type. Has many beautiful colors. 1 to 2 ft.-----	1.40	12.00

CHRYSANTHEMUM MAXIMUM, Shasta Daisy

Alaska. Large white flowers, June to August. 2 ft.-----	1.15	9.00
Diener's Fancy Chiffon Fringe. Large 5-inch blooms, fancy Chiffon petals (novelty). -----	1.40	12.00
White Fairy. New long stem. Giant white fringed flowers. Blooms July and August. -----	1.15	9.00

PERENNIALS—Continued

		Per 10	Per 100
COREOPSIS, Tickseed.			
Double Sunburst.	Double flowers, golden-yellow. Blooms all summer. 20 to 30 in.-----	\$ 1.20	\$10.00
Mayfield Giant.	An improved, large single, of brilliant yellow.-----	1.40	12.00

DELPHINIUM, Larkspur.

Belladonna, Clivendon Beauty.	Beautiful sky-blue, from carefully selected strain to keep it absolutely true to type. Blooms in June and again in September. 4 to 5 ft.-----	1.20	10.00
Bellamosa.	Dark blue, blooms all summer. 4 ft. Strong 1 year plants.-----	1.15	9.00
Bellamosa LaMartine.	Deeper blue than Bellamosa with a distinct white eye. Not susceptible to disease. Long blooming period. 4 to 5 ft.-----	1.20	10.00
B. & L. XXX Strain Mixed.	This English strain is one of the finest developed in the Delphinium family. Enormous flowers on solid erect spikes. Color delicate shades of blue, mauve and pink.-----	1.40	12.00
Gold Medal Hybrid.	Tall, well fitted double and semi-double flowers from purplish blue to white.-----	1.20	10.00

DELPHINIUM Chinese

Blue Mirror.	This Chinese larkspur has no spurs and it shows its bright navy blue flowers most effectively by their horizontal disposition. Height 1½ to 2 ft.-----	1.15	9.00
Chinese Alba	-----	.80	7.00
Chinese Blue	-----	.80	7.00

DELPHINIUM PACIFIC HYBRID STRAINS**(Potted Stock)**

Pacific Coast Hybrid Delphinium are all double, very highly developed strain produced on the Pacific Coast, from hence it gets its name.

Galahad.	Giant new race of whites having all the good quality formerly lacking in white Delphinium. Individual flowers 3 inches in diameter, large, well formed spikes, high percentage of mildew resistance.-----	2.10	18.00
Guinevere.	Light lavender self with white bee. Individual florets 2½ to 3 inches in diameter, large spikes. Excellent branching habits. Mildew resistance 50 to 70 percent.-----	2.10	18.00
Pacific Hybrids Mixed.	A mixture of the Standard Pacific Strain colors. Very fine.-----	1.40	12.00

DIANTHUS**Barbatus, Old Fashioned Sweet Williams.**

This is the Old Fashioned Sweet William, bearing clove scented flowers in greatest profusion in May and June. Excellent for cutting. We offer these in the following varieties **Double White, Scarlet Beauty** and **Splendens** (pink).-----

1.15 9.00

Deltoides, Maiden Pinks (RG).	Beautiful little plants, blooming throughout the summer. 8 in. Rosy pink.-----	1.15	9.00
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Homeland.	A most unusual color, dark red with large sharply defined clear white center.-----	1.20	10.00
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Dbl. Dwarf Midget.	3 to 4 inches tall. The color range is from White, Chamois, salmon, scarlet, brick red to maroon, with most of the blooms being tri-colored.-----	1.20	10.00
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Latifolius, Atrocineus, Fl. Pl.

Everblooming Oriental Sweet William. Fiery crimson. Blooms all summer. 18 in.-----

1.20 10.00

Plumarius, Hardy Garden Pinks.

Alwoodi. This is a new type of Alwoodi pink imported from England. Very fragrant.-----

1.20 10.00

Semperflorens (Perpetual Flowering). Separate colors, rose or pink. Blooms all summer. 18 in.-----

1.15 9.00

Spring Beauty. Double giant flowered Carnation like form and size and with a beautiful color range. Very fragrant.-----

1.20 10.00

DICENTRA, Bleeding Heart.

Eximia (RG) This is not a particularly new item but it is very worth while and few nurserymen know it. We recommend it very highly, equal to or better than the old fashioned **Spectabilis** variety. Rose colored flowers produced all summer. 12 in.-----

1.80 15.00

DIGITALIS, Fox Glove

Shirley Hybrids. The flower heads are over 3 ft. long, crowded with big, bell-shaped blossoms. Colors range from white and shell-pink to deepest rose, many attractive dotted crimson or chocolate. Blooms in June-July.-----

1.20 10.00

PERENNIALS—Continued

	Per 10	Per 100
EUPATORIUM, Hardy Ageratum.		
Coelstinum. Very hardy plant. Light purple-blue flowers. September. 18 to 24 in.-----	\$ 1.20	\$10.00
FERNS, Hardy Outdoor (RG) -----	1.40	12.00
Goldie's Wood. (<i>Aspidium</i>). Evergreen variety. 2 ft.		
Interrupted (<i>Osmunda Claytoniana</i>). Found in rather dry, shaded places. Does well under cultivation and in boxes. 3 ft.		
Maiden Hair (<i>Spleenwort Asplenium Tricomans</i>). Most attractive of our Native Ferns. Black stems with delicate green fronds. L'kes moist spots. 2 ft.		
Ostrich Plume (<i>Onoclea Struthiopteris</i>). Very graceful with finely cut pinules. 2 to 3 ft.		
FUNKIA, Plaintain Lily (RG).		
Caerulea. Lovely blue flowers, leaves broad. August-September. 18 in.-----	1.40	12.00
FUSCHIA, Hardy.		
Senorita. New improvement on Scarlet Beauty, recommended for its hardiness. Plants are upright and compact, carrying from July until frost an abundance of flowers of flaming rose-red with mulberry-purple corolla and golden yellow stamens, 3 inch Pot Plants-----	3.20	27.50
GAILLARDIA, Blanket Flower (RG)		
Burgundy. Wine red flower with beautiful shcen. 'June until frost. 1½ to 2 ft.-----	1.20	10.00
Dazzler. Large golden yellow and maroon flowers on strong wiry stems. 14 to 18 inches in length.-----	1.20	10.00
Goblin. Dwarf. Bushy plants 12 to 15 inches high. Covered with golden yellow and red flowers.-----	1.20	10.00
Monarch Strain. Varied colors. Robust strain. Flowers extremely large and of perfect form. All summer. 2 ft.-----	1.20	10.00
Torch Light. Bright golden yellow, rich maroon center. 2 ft.-----	1.20	10.00
GEUM, Avena (RG)		
Mrs. Bradshaw. Fiery, orange-red flowers, very large. Double. Blooms nearly all summer. May to July. 15 to 18 in.-----	1.40	12.00
GYPSOPHILA, Baby's Breath.		
Bristol Fairy. Wonderful, new double white flowers, in which the individual blossom is much larger. Highly prized for cutting. Flowers continuously through the summer. 2 ft.-----	3.20	28.00
Paniculata Compacta. Pinkish white. July. 2 ft.-----	.95	8.00
Rosy Veil. Produces quantities of blossoms of soft delightful pink. Spreading plant about 1½ ft. in height, flowering very freely in July and more or less throughout the summer. Excellent for cutting. Potted Stock.-----	2.10	18.00
Snow White Dbl. Pure White double strain. 2 ft.-----	1.20	10.00
HELENIUM, Sneezeweed		
Chipperfield Orange. Large heads of copper and gold blooms. August to September. 4 feet.-----	1.40	12.00
Riverton Gem. Old gold suffused with bright terra cotta changing to wallflower red. August to October. 3 to 4 feet.-----	1.20	10.00

HEMEROCALLIS, The Improved Day Lily

This old Perennial is now coming into its "Own". There has been considerable hybridizing done on these plants the past few years and as a result there are many new varieties being offered.

August Pioneer. An absolutely new introduction by Dr. Stout. Orange with a reddish flush. Profuse August-September bloomer. 34 in.-----	2.90	25.00
Apricot. Blooms early June. Medium size blooms of light, apricot orange. Very free bloomer.-----	1.40	12.00
Gold Dust. Early flowering variety. Blooms May-June. Bright yellow flowers. Stems 30 in.-----	1.80	15.00
Goldeni. Fine, deep, golden orange. Early July. 3 ft.-----	1.80	15.00
Highboy. Pale yellow. 5 ft.-----	2.90	25.00
Kwanso Flore Pleno. Large, double, copper shaded, crimson blooms. July-August. 42 in. stem.-----	1.80	15.00
Margaret Perry. The forerunner of a new race of Hybrids. Carnelian red flowers with a bright yellow star at the throat, which continues out to the tip of each petal in the form of a conspicuous narrow yellow stripe. July, August and September. 50 in.-----	2.90	25.00
Mikado. Rich orange with deep mahogany-red throat, beautiful color contrast flowers. June and July. 36 inches.-----	2.90	25.00
Ophir. Deep, golden-yellow. 5 inches across. 25-30 on one stem. One of the finest of all varieties. Blooms July and August.-----	2.40	20.00

PERENNIALS—Continued

HEUCHERA.

	Per 10	Per 100
<i>Sanguinea.</i> Rosy red blooms, very free flowering 15 in. Blooms in May.---	\$ 1.40	\$12.00

HIBISCUS, Mallow.

<i>Giant Flowering.</i> A wonderfully improved form of native Marshmallow or Rose Mallow. Separate colors, Pink, Red and White. August and September. 4 to 5 ft.-----	.95	8.00
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HYDRANGEA.

<i>Blue Prince.</i> Large blue flowers. Blooms July and August. Only semi-hardy, needs winter protection. In order to get the blue color, one must mix in the soil about 1 Tablespoon per plant of aluminum sulphate.		
2 year dormant stock-----	5.00	40.00
Strong 2½ inch pot plants-----	1.40	12.00

IBERIS, Hardy Candytuft.

<i>Gibraltarica.</i> Very desirable dwarf plant with evergreen foliage, covered by dense heads of flowers in early Spring. Height 8 in.-----	1.40	12.00
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LATHYRUS LATIFOLIUS. Perennial or Everlasting Pea.

This lovely trailing plant blooms all summer. In separate colors, Crimson King; Rose Queen; White Queen.-----	1.20	10.00
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LIATRIS, Blazing Star or Gay-Feather. (RG)

<i>Spicata.</i> A good clear purple blooming before <i>Pycnostachya</i> . Spikes about 3 feet in height.-----	1.20	10.00
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LILY OF THE VALLEY

Extra strong plants with long roots. Fine foliage and profuse bloomers.		
Pips -----	.35	3.00
Clumps, dug with original soil.-----	2.40	20.00

LOBELIA

<i>Cardinalis</i> (Cardinal Flower). Rich fiery cardinal flowers. 36 inches.-----	1.40	12.00
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LUPINES.

<i>Russell Lupines.</i> This is an improved strain of Russell Lupines acclimated to the United States. Spikes 3 to 5 feet tall with extraordinary color combinations. -----	\$100.00 Per M)----	1.40	12.00
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LYCHNIS, Champion (RG)

<i>Chalcedonica</i> (Maltese Cross), vivid scarlet flowers. 36 inches.-----	1.20	10.00
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MATRICARIA, Double Mayweed, Feverfew (RG)

<i>Capensis.</i> Striking double golden yellow. 8 inches.-----	1.20	10.00
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MONARDA, Bee Balm.

<i>Didyma.</i> Cambridge Scarlet. Aromatic foliage, bright scarlet flowers, profuse bloomer. June until August. 2 ft.-----	1.40	12.00
<i>Salmon Queen.</i> Attractive salmon-pink flowers. Aromatic foliage. July to August. 2 to 3 feet.-----	1.20	10.00

MYOSOTIS, Forget-me-not (RG).

Lovely flower, familiar to almost everyone. Blooms in early spring.		
<i>Palustris</i> (Alpine Forget-Me-Not.) Tiny blue flowers. Blooms all summer. 8 in.-----	1.20	10.00
<i>Suttons Royal Blue</i> -----	1.20	10.00

NEPETA, Ground Ivy, Catmint (RG)

<i>Mussini.</i> Neat bushes of small lavender like foliage covered with terminal spikes of lavender blue flowers, both foliage and flowers aromatic. 1 ft.---	1.20	10.00
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OENOTHERA, Evening Primrose (RG)

Make continuous display of color in rock garden.		
<i>Missouriensis.</i> Lovely yellow solitary flowers often 4 in across. Low grower with prostrate ascending branches, profuse bloomer. June to August. 10 in.-----	1.20	10.00

PACHYSANDRA, Japanese Spurge. (RG).

<i>Terminalis.</i> Dense mats of glossy green foliage, with small spikes of light colored flowers during May and June. Used to cover shady places. 6 to 8 inches. Strong 2 year plants.-----	1.40	12.00
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PAPAVER ORIENTALIS

(For Shipment August or September, 1944)

These named varieties or Oriental Poppies, with the exception of Hybrids, are grown from rooted cuttings. They have been twice transplanted, insuring a heavy plant with good root system. For most successful results Poppies should be planted in August or September. Prices subject to change without notice.

	Per 10	Per 100
Barr's White. Large pure white with purple-black spots.-----	\$ 2.90	\$25.00
Beauty of Livermore. Deep blood-red, extra large, distinctive foliage, sturdy erect stems. 39 in.-----	1.40	12.00
Betty Ann. Beautiful crinkled flower of La France pink, no spots. Profuse bloomer. 24 in.-----	1.80	15.00
Big Jim. Mammoth, gorgeous flowers of deep maroon. 36 in.-----	2.40	20.00
Cavalier. Extra large flowers, deep scarlet-red. 34 in.-----	1.80	15.00
Cerise Beauty. Cerise-pink blooms with black-purple blotches in the center. 32 in.-----	1.80	15.00
Cheerio. Shell-pink, cherry-red base spots.-----	2.40	20.00
Colonel Bowles. Scarlet-red, immense flowers. 26 in.-----	2.10	18.00
Dainty Lady. A delicate shade of shell-pink with a rose blotch.-----	2.40	20.00
Echo. Light silvery-pink with a light maroon blotch. 30 in.-----	4.00	37.50
Fairy. A rose-pink, dwarf, very free blooming.-----	1.40	12.00
Field Marshall. One of the pleasing new whites, black blotch. 32 in.-----	2.90	25.00
Flashy Glow. Yellow with an orange cast. 30 in.-----	1.80	15.00
Gaiety. Light iridescent pink.-----	2.10	18.00
Gold of Ophir. Golden-orange. Develops nearest yellow of any Oriental Poppy. 24 in.-----	2.10	18.00
Grossfurst. Shiny red, coal black spots. 34 in.-----	2.10	18.00
Helen Elizabeth. Light La France pink. Petals are deeply crinkled. 34 in.-----	2.10	18.00
Henry Cayeaux Improved. Blooms are a peculiar tint of ashes of roses, or and old rose shaded burgundy.-----	2.10	18.00
Hercules. True scarlet, immense flowers. 42 in.-----	2.10	18.00
Jean Mawson. A nice salmon-pink. 32 in.-----	1.80	15.00
Joyce. Cherry-red flowers of medium size.-----	1.40	12.00
Lulu A. Neeley. Good strong stems support flowers of brilliant ox-blood red. 34 in.-----	1.80	15.00
Mrs. G. Potts. Soft shade of orange with a tinge of red.-----	1.40	12.00
Mrs. Perry's Pink. Apricot-pink, often called Apricot-orange. Petals marked with a brown blotch. 29 in.-----	1.40	12.00
Mrs. Perry's White. Satiny white with a crimson-maroon blotch at the base of each petal.-----	2.90	25.00
Mandarin. A splendid scarlet with no spots in the flower of established plants. 28 in.-----	1.40	12.00
Mary Jane Miller. Intense shade of geranium pink, carried on long stiff stems.-----	1.80	15.00
Nancy. Deep crimson flowers on long stems, with glossy black blotches at the base of each petal. 28 in.-----	1.80	15.00
Negrillon. Purplish-red with a shade of brown. 30 in.-----	2.10	18.00
New Perfection. Rose Dawn—A new rose-pink with black blotch.-----	1.80	15.00
Olympia. Orange-red, borne on sprawling stems. 32 in.-----	1.40	12.00
Oriental Hybrids. Scarlet-crimson.-----		
2 Year Transplants-----	1.20	10.00
1 Year Transplants-----	1.00	8.00
1 Year Seedlings-----	(\$45.00 Per M) .60	5.00
Phenomenal. The finest rose-pink Poppy grown today. Crinkly, deep rose-pink with a crimson-maroon blotch at base of petals. Flowers are unusually large on strong, stiff stems.-----	3.50	30.00
Purity. Soft pink without spot or blemish.-----	2.10	18.00
Red Flame. Lacquer-red flowers of medium size on very straight stems.-----	1.80	15.00
Sass Pink. Light delicate flesh-pink shade with gray-mauve center.-----	2.10	18.00
Tribby. Dark lustrous red. 26 in.-----	2.40	20.00
Welcome. Shiny red with good dark green foliage. 40 in.-----	1.80	15.00
White Queen. Dead white—small black spots.-----	2.90	25.00
Wunderkind. Cerise colored Poppy. True Begonio rose shade. 33 in.-----	2.90	25.00
Wurtembergia. Deep red, borne on long stiff stems. 38 in.-----	1.80	15.00

PENTSTEMON, HARDY.

Garnet. First of a new strain of hardy, large flowering Pentstemons. Of spreading habit. June until stopped by frost. Rich garnet color. 12 to 18 inches tall. Six to a dozen spikes continually open throughout flowering season. Excellent for cutting. (Advertised at per 3, \$1.50; per doz., \$4.50; per 100, \$30.00)----- 1.80 | 15.00 |

Pubescens. Violet purple, lips white. 18 inches.----- 1.20 | 10.00 |

PERENNIALS—Continued

PHLOX PANICULATA

For a good many years we have made a specialty of growing Phlox. Most of our plants are strong, one year old, which we recommend very highly. Two year plants are very woody and are hard to transplant.

Phlox can be transplanted from the middle of September until the ground freezes up, or can be planted in the spring just as early as the ground thaws out.

PLEASE NOTE the grade we are listing is strictly No. 1 grade. We have No. 2 grade plants which are not quite heavy enough for No. 1 specifications which can be purchased from us at 2¢ per plant discount.

	Per 10	Per 100
Annie Laurie. New variety. Large trusses of salmon-pink.-----	\$ 1.40	\$12.00
Beacon. Large, full trusses of brilliant cherry-red, with wine-red eye.-----	1.20	10.00
Border Gem. A beautiful deep purple Phlox. Does not fade.-----	1.70	14.00
Champs Elysee. Compact heads of rich purple. 24 in.-----	1.20	10.00
Chieftain. Here is a color in Phlox rarely seen—the color of a precious ruby. Good, strong flower trusses.-----	1.40	12.00
Daily Sketch. Large trusses of lustrous pink with crimson-rose eye. Florets measure 1½ in across. No other Hardy Phlox produces florets so large. 3½ feet high.-----	1.40	12.00
E. J. Farrington. Salmon-pink with a deep rosy-red blush. Excellent for cutting. 24 inches.-----	1.40	12.00
Eva Forester. Large heads of 30 to 40 individual flowers at one time. Flowers clear pink and 1¼ inches across.-----	1.40	12.00
F. G. Von Lassburg. A tall white Phlox blooming in mid-season.-----	1.15	9.00
Fuerbrand. Clear, rich, brilliant orange-scarlet, almost vermilion.-----	1.40	12.00
George Stipp. Deep, glowing salmon with shaded lighter eye, fragrant, out- standing variety.-----	1.40	12.00
H. B. May. Large spikes of bright pink. Very large flowers.-----	1.40	12.00
Irene. Cherry red, very brilliant.-----	1.40	12.00
Leo Schalegeter. Scarlet-carmine with orange cast. 3 ft. The finest red phlox in existence.-----	1.40	12.00
Lillian. Exquisite pure pink without any trace of magenta or rose. Large florets, flower heads of good size, borne in remarkable profusion.-----	1.70	14.00
Mary Louise. This is the best white Phlox in existence. Pure white with large heads. Individual florets are 2 inches, as large as any other white Phlox. Very fragrant, prolific bloomer.-----	1.70	14.00
Morganrood. Rose-pink, slightly deeper eye. Large florets. 2½ to 3 ft.-----	1.20	10.00
Mrs. Ethel Pritchard. French-mauve colored phlox. Flowers freely.-----	1.20	10.00
Mrs. Jenkins. One of the old standbys. Pure white.-----	1.20	10.00
Pantheon. A deep salmon-rose Phlox, very fragrant. 30 in.-----	1.20	10.00
Pink Darling. Good pink, large, individual flowers. Well filled heads.-----	1.40	12.00
Prime Minister. This is the best of all bi-colored whites. Extra large florets of clear white with violet eye.-----	1.20	10.00
R. P. Struthers Improved. Rich salmon-pink with scarlet eye. Large well filled trusses.-----	1.20	10.00
Rheinlander. Salmon pink with carmine eye.-----	1.20	10.00
Rosea Superba. Large heads of light lilac-pink. Vigorous grower.-----	1.40	12.00
Rosenberg. Deep violet-cerise with slightly darker center.-----	1.20	10.00
Special French. This is one of our very best Phlox. Good grower, free bloomer. Large, blush-pink with salmon eye.-----	1.20	10.00
Wanadis. White, light violet shading with purple eye.-----	1.15	9.00

PHYSALIS, Chinese Lantern Plant. (RG)

Francheti. Bright orange-scarlet lantern-like fruits, excellent for winter bouquets. Early fall. 2 ft.-----	1.00	8.00
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PHYSOSTEGIA, False Dragon Head.

Rosy Spire. Deep rosy-crimson color, very vivid. 3 to 3½ ft. Mid-September. Decidedly colorful.-----	1.00	8.00
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PLATYCODON, Balloon Flower (RG)

Blooms all summer. 12 in. Separate colors, Blue and white.-----	1.15	9.00
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PYRETHRUM, Painted Daisy (RG)

Hybridum Roseum. Abundant bloomer. Wide range of colors from pure white to deep crimson. June to October. Good cut flower. Interesting foliage. 18 inch.-----	1.20	10.00
Hybridum Roseum Atrosanguineum. Same as Roseum, only the blooms as a rule are darker shades. 18 in.-----	1.20	10.00
Double Choice Mixed. This mixture contains many shades of pink, red and white. A splendid garden mixture.-----	1.40	12.00
Robinsons Dark Crimson. Flowers crimson scarlet and immensely large. Strong long stems and very free flowering.-----	1.20	10.00

PERENNIALS—Continued

	Per 10	Per 100
RUDBECKIA, Coneflower.		
Hardy plants, adapted for the border. Well suited for cutting.		
Sass Golden Globe. This is an improved Golden Glow, produces large masses of large, golden double yellow flowers in July and August. 6 in.-----	\$ 1.20	\$10.00
Purplea. Reddish purple flowers with very large black cone for center. July to October. 2 ft.-----	1.00	8.00
SALVIA, Meadow Sage.		
Azurea Grandiflora. Azure colored large flowers. August to September. 5 ft. .80		7.00
SCABIOSA, Pin Cushion Flower.		
Caucasica (Blue Bonnet). Soft, lovely shade of lavender blue. Equally good for border or cut flowers. June to September. 18 in.-----	1.20	10.00
Fisheri. Rich, violet-blue flowers 2½ in across, 20 inches high.-----	1.40	12.00
SAXIFRAGA.		
Cordifolia. Large, leathery leaves of russet-green. Round bright-rose flowers rising on stocky, six-inch stems. One of the first to welcome the spring.---	1.40	12.00
SEDUM, Stone Crop or Live Forever (RG)		
America's Greatest Rock Plant. Thick, glaucous leaves, very hardy, drought resisting. Very adaptable, dwarf varieties indispensable in rock gardens, the medium and taller varieties good in perennial borders.		
Album. Dwarf and spreading, thick waxy round foliage. White flowers. July. 6 inches.-----	1.10	9.00
Anglicum. White. Tiny, moss-like carpeting plant. Profuse bloomer. Early summer.-----	1.10	9.00
Creslatum. Small round foliage of medium green.-----	1.10	9.00
Ewersii. Rosy-purple flowers, blue-gray leaves, stocky plants. Deciduous. Early. 8 to 10 in. stems.-----	1.10	9.00
Kamtschaticum. Orange-yellow flowers with prostrate green foliage turning golden in autumn.-----	1.10	9.00
Lydium Glaucum. Blush, very fine rock plant. Very odd. All summer. 6 in.-----	1.10	9.00
Murale. Evergreen foliage, reddish-purple. White flowers with pink center. 4 to 8 inches.-----	1.10	9.00
Oppositifolium. Bright green foliage with rose bloom. July. 4 in.-----	1.10	9.00
Sexangulare. Yellow flowers, very dark green foliage. May-June. 4 inches.-----	1.10	9.00
Spectabile Brilliant. Bright amaranth-red. Erect grower. Gray-green leaves. August and September. 18 inches.-----	1.20	10.00
Spectabile Rose. Immense heads of showy rose colored flowers. Light green foliage. Late. 18 inches.-----	1.20	10.00
Spurium Roseum. Purplish-red. July and August. 6 inches.-----	1.10	9.00
Stoloniferum. Purplish pink. July and August. 6 inches.-----	1.10	9.00
Subulatum. Dwarf. Round foliage. Early Summer. 4 to 6 inches.-----	1.10	9.00
Turkestanicum. Round foliage of dark green. White flowers on 6 to 8 inch stems.-----	1.10	9.00
SEMPERVIVUM, Houseleek. (RG)		
Sometimes known as Hen and Chickens. Plants especially good for Rock Garden. Their rosette-like, thick leaves are fleshy and pointed. The small clumps slowly spread, filling pockets and crevices between the rocks.		
Atrovioleaceum. The largest of the entire group. Beautiful rosette of deep purplish red leaves almost 4 inches in diameter when fully grown. 8 in.---	1.10	9.00
Bossier. Leaves are deep green tipped reddish-purple, forming a beautiful rosette, 6 inches to 8 inches in diameter when fully grown. 4 inches.-----	1.10	9.00
Rubrum. Leaves of dark green turning to red in fall. Rapid spreader.-----	1.10	9.00
SPIREA, Goat's Beard, Meadow Sweet (RG)		
Filipendula (Dropwort). White flowers produced in abundance on stems 15 inches high. Fern-like foliage. June and July.-----	1.80	15.00
STATICE, Great Sea Lavender (RG) August.		
Latifolia. Blue. These plants have broad leathery leaves, producing candelabra-like heads. If cut in full bloom, make a very valuable winter bouquets. 18 in.-----	1.20	10.00
STOKESIA, Cornflower Aster.		
Blue Moon. Large and free flowering. Perfectly hardy. Vivid, blue disc-like flowers. Blooms throughout summer and autumn. Flowers five to six inches in diameter. 12 to 18 in. tall.-----	1.80	15.00
SWEET WILLIAM (See Dianthus Barbatus)		
THERMOPSIS.		
Caroliniana. A lupine-like plant with rich green foliage. Yellow pea-like flowers produced on racemes, 6 to 12 inches long. June and July.-----	1.20	10.00

PERENNIALS—Continued

THYMUS, Thyme (RG)	Per 10	Per 100
Serpyllum Coccineum. Dark red flowers, covering the plant completely. Creeping habit, hairy foliage, which is fragrant. June-July.-----	\$ 1.20	\$10.00
TRITOMA, Kniphofia, Red Hot Poker (RG)		
This perennial needs winter protection in Northern latitudes. Blooms from July to October. Color ranges from Orange to deep coral. This is an outstanding perennial.		
Pfitzeriana. This is the genuine Red Hot Poker. Rich, orange-scarlet blooms on stems 3 ft. high. Must be grown from divisions. August to October.---	1.20	10.00
VERBENA, HARDY (RG)		
Pink. This is a truly wonderful perennial. Blooms from early spring until frost. Excellent ground cover needing a little protection through the winter. 1.20	1.20	10.00
VERONICA, Speedwell (RG)		
Blue Spire. Foliage is clean. Plant is bushy, upright habit and flowers are deep blue. 2 ft. high.-----	1.20	10.00
VINCA, Periwinkle or Trailing Myrtle.		
Minor. Evergreen plant of trailing habit, splend'd for use as a ground carpet under shrubs or trees. Grows very well where it is too shady for other plants. -----	1.20	10.00
Minor-Bowles Type. Foliage in broad and rich, glossy green. Deep blue.---	1.40	12.00
VIOLA, ODORATA, Sweet Violet (RG)		
Fry's Fragrant. An old English strain of perpetual flowering violets. Blooms early in the spring and again in the fall. Flowers extra large, deep purple and very fragrant, excellent for forcing.-----	1.40	12.00
YUCCA Adam's Needle (RG)		
Filamentosa. Creamy yellow. 6 ft. This plant, with its broad, sword-like evergreen foliage is indispensable in landscape work. It can be used either for lawn or Rockery work and stands out among all other plants.		
2 year -----	1.15	9.00

OLD FASHIONED KITCHEN HERBS

Due to the shortage of shipping facilities, spices and Herbs which formerly came from the Middle East, are now hard to secure. For that reason, we are offering a rather complete list of these items.

	Per 10	Per 100
Chive, Wild Onion. Finely chopped leaves gives a delicious flavor to salads.---	\$ 1.00	\$ 8.00
Horseradish. A condiment used in seasoning meats.		
3 inch cuttings-----	.30	2.50
Crowns -----	.60	5.00
Mother of Thyme. Leaves used medicinally and for seasoning meat and fish sauces. -----	1.40	12.00
Sage, Old Fashioned. Used for seasoning sausages and dressing.-----	1.40	12.00
Savory, winter. Leaves used for seasoning meats, sausages and vegetable dishes 1.80	1.80	15.00
Spearmint. Fresh leaves used to flavor sauces and iced drinks, particularly "Kentucky Mint Julips" -----	1.10	9.00
Sweet Majoram. Fresh leaves used for seasoning sausages, vegetable dishes and salads. -----	1.80	15.00
Tarragon "Epicure". Used by the French people in seasoning salads and making vinegar. Delicious in Jello and fruit cups.-----	1.80	15.00

LILIES

The following lilies are all American grown, most of them are grown here at Shenandoah. Our soil seems very well adapted for the growing of this certain type of bulb. Size specified on the grade is circumference of the bulb.

	Per 10	Per 100
Concolor (Morning Star Lily). Excellent Rock Garden lily. Red, star shaped flowers, flecked with black at base of petals. Blooms June-July. Planting depth 3 inches. Available September 25th.		
Flowering size bulbs.	\$ 0.95	\$ 8.00
Pardalium Giganteum (Sunset Lily). Orange-copper with deep purple spots. Blooms July. Planting depth 6 inches. Available late October.		
5 to 6 inches.....	1.80	15.00
Regale. (Tibet). Large white flowers, suffused pink with canary-yellow throat. Very fragrant blooms in July. Planting depth 5 inches. Available late September.		
4 to 5 inches.....	.70	6.00
5 to 6 inches.....	.95	8.00
6 to 8 inches.....	1.40	12.00
Tenuifolium (Coral Lily). Vivid scarlet, excellent rock garden variety. Blooms May-June. Planting depth 6 inches. Available late September.		
Flowering size bulbs, No. 1.....	.95	8.00
Tenuifolium (Golden Gleam). Similar to Tenuifolium except flowers are golden-yellow. Blooms June. Planting depth 3 inches. Available late September.		
Flowering size bulbs, No. 1.....	.95	8.00
Tiger Double. This is a full, double flowering variety. Blooms slightly later than the single. Planting depth 5 inches. Available late September.		
4 to 5 inches.....	.80	7.00
5 to 6 inches.....	.95	8.00
6 to 8 inches.....	1.40	12.00
Tiger Single. Flowers rich salmon-orange, spotted deep mahogany blooms in August. Planting depth 5 inches. Available late September.		
4 to 5 inches.....	.80	7.00
5 to 6 inches.....	.95	8.00
6 to 8 inches.....	1.40	12.00

CANNAS

Our Cannas are all strong 3 and 5 eye divisions, properly matured and cured so as to give you the best possible results.

	Per 100	Per 1000
PINK FLOWERS WITH GREEN FOLIAGE		
City of Portland. The leading pink, green foliage. 4 ft tall. Large flowers of watermelon-pink conceded THE pink.....	\$ 5.00	\$60.00
Hungaria. One of the finest pinks, green foliage. 4 ft. tall. Large heads of peach pink. Our choice of Pink Cannas.....	5.00	60.00
Rosamond Cole. 4 ft. A choice Canna, green foliage, large flowers, variegated with the color of a rainbow. A leader among Cannas.....	5.00	60.00
RED FLOWERS WITH GREEN FOLIAGE.		
Firebird. 4 ft. Dark green foliage. Large deep red flowers.....	5.00	60.00
Mme. Crozy. A dwarf. One of the finest Little Cannas. Large heads of red with a variegated border one-eighth inch wide, of orange, green foliage.	5.00	60.00
The President. 4 ft. tall. Glowing scarlet, blue-green foliage. Extra large trusses of brilliant color. The finest Red Canna of today. The foliage is entirely free from disease.....	5.00	60.00
Winter's Colossal. 5 ft. Green foliage. Without a doubt the largest flowered Canna yet produced. Flowers of vivid scarlet. Sometimes measures eight inches across.....	5.00	60.00
YELLOW FLOWERS WITH GREEN FOLIAGE.		
Kate Gray. 5 feet. Long flower spikes of orange. Green foliage. A real good one.....	5.00	60.00
Richard Wallace. 4 ft. Green foliage, canary-yellow flowers. One of the best yellows.....	5.00	60.00
Yellow King Humbert. 5 ft. tall. Deep rich yellow, heavily spotted and flecked with deep red. Green foliage.....	5.00	60.00
BRONZE FOLIAGE VARIETIES.		
Red King Humbert. 5 ft. tall. The grandest Canna ever offered, a king in reality. The heart-shaped leaves are purple-madder over bronze. The plants are crowned with immense heads of orchid-like velvety orange-scarlet, rose-tinted and blossoms incomparably beautiful.....	5.00	60.00
Statue of Liberty. 6 to 7 ft. Blazing flame-red.....	5.00	60.00

DAHLIAS

Our Dahlias are all Shenandoah grown, good, strong, healthy tubers with good necks and crowns. Our stock is carefully handled and guaranteed true to name.

DECORATIVES

Avalon. Beautiful clear yellow and the best of this color for commercial use. Fine form on long stems. Good show Dahlia.	Per 10	Per 100
Chautauqua Salute. Dazzling white.	\$ 1.50	\$12.00
Clara Barton. Face of petals silvery-orchid reverse of petals deep lavender. General effect lavender.	1.80	15.00
Galliant Fox. A commercial red highly regarded by many growers. Medium size flowers of velvety red. Heavy stem, good keeper.	1.80	15.00
Golden Bounty. Rich lemon yellow.	1.50	12.00
Golden Girl. Large flower of shimmering gold.	1.50	12.00
Harvest Moon. Blends gold rose and bronze.	1.80	15.00
Jane Cowl. Large, shaggy flower of coppery-yellow. Fine tall grower. Still considered by many as the most beautiful of all dahlias.	1.50	12.00
Jean Kerr. Pure white. The flowers are small, but many are produced on each plant. A good keeper and fine for floral work. Early, vigorous and insect resisting.	1.80	15.00
Jersey Beacon. Chinese red with lighter shadings on reverse side which give a beautiful two-tone effect. Large flowers.	1.50	12.00
Jersey Beauty. This fine pink variety is still the most popular of all. Very profuse bloomer.	1.80	15.00
Marshall's Beauty. Clear pink.	1.80	15.00
Mrs. George LeBoutillier. Rich velvety carmine. Giant flowers on strong stems. A good bet for a leader among commercial reds.	2.10	18.00
Mrs. I. de Ver Warner. Orchid pink with very large flowers. Well known and very popular.	1.80	15.00
Mrs. Knudson. New White.	1.80	15.00
Orange Jersey Beauty. Orange.	1.80	15.00
Yellow Colossal. A gigantic flower, nine inches and more in diameter, of beautiful lemon yellow. Strong stems carry the flower erect above the foliage. A remarkable show bloom.	1.50	12.00
Yellow King. Canary yellow.	1.50	12.00
Decorative Mixed.	1.00	8.00

DAHLIAS, SHOW.

A. D. Livoni. Shell pink.	1.50	12.00
Bonnie Blue. Bluish shading to lavender. Lovely coloring.	1.50	12.00
Queen Victoria. Deep cream or soft yellow.	1.50	12.00
Robert Broomfield. Pure White. Effective in combinations.	1.50	12.00

MISCELLANEOUS BULBS

AMARYLLIS.

These popular bulbs will bear blooms of immense proportion, of excellent form, with a brilliancy and range of color.

Mixed Colors	Per 10	Per 100
	\$ 3.00	\$25.00

BEGONIAS, Tuberous Rooted, Camellia Flowering.

Are assuming their old popularity. They are valuable for planting as a pot plant or for outdoor bedding in shaped locations.

Separate Colors, 1¼ to 1½ inch diameter.	1.50	12.00
Red Pink Yellow Bronze		

BEGONIAS, Tuberous Rooted.

Pink Flowering, 1¼ to 1½ inch diameter	1.50	12.00
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CALADIUM

Esculentum. 5 to 7 inches.	.70	6.00
Fancy Leaved. These colorful plants have grown very popular the last few years. The leaves are spotted and veined with brilliant markings. Sometimes called picture-leaved Caladinums. Mixed. 1½ to 2 inches.	1.40	12.00

MADERIA VINE

A tuberous bulb producing a multitude of viny growth, a very prolific grower.	.40	3.50
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TUBEROSES (RG)

Mexican. This is the best of all Tuberoses. Single flowering variety, very fragrant. Blooms July-August. No. 1 size.	.40	3.50
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SPECIAL ATTENTION

We call special attention to the following items which we have in good supply.
Write us for prices on quantity lots.

APPLE, 11-16 inch

Anoka
Delicious Red
Delicious Yellow
Dolgo Crab
Duchess
Flame Crab
Hibernal
M. B. Twig
N. W. Greening
Virginia
Whitney Crab
Winesap

SHADE TREES

Ash
Elm
Hackberry
Honeylocust
Maple, Schwedleri
Oak, Pin and Red
Poplar, Lombardy

ORNAMENTAL SHRUBS

Almond Pink, Own Root
Barberry Thunbergi, Transplants
Buddleia, in variety
Cornus, in variety
Cydonia Japonica
Forsythia, in variety
Ilex Verticillata
Rhus Canadensis
Ribes Alpinum
Snowberry
Spirea A. W.
Spirea Froebel
Tamarix
Viburnum, in variety

FOREST TREE SEEDLINGS

Ash
Elm, American
Mulberry, Russian
Oak, Pin and Red

VINES

Ampelopsis Engelmanni
Ampelopsis Quinquefolia
Celastrus Scandens
Polygonum Auberti

We always appreciate opportunity to quote on your complete requirements.

NURSERYMEN'S SUPPLIES

Due to uncertainty of prices and securing delivery, we are unable to offer our usual listings of nurserymen's supplies. If in need of certain supplies, write for prices and complete information.

BOXING CHARGES

30x30x12	\$5.75	24x24x10	\$4.50	20x20x8	\$3.25
30x30x10	5.00	24x24x8	4.00	20x20x6	2.50
30x30x8	4.50	24x24x6	3.25	16x16x10	3.00
30x30x6	3.75	20x20x12	4.25	16x16x8	2.50
24x24x12	5.25	20x20x10	3.50	16x16x6	2.25

CORRUGATED BOXES

48x20x20	\$1.00	36x14x6	\$0.45	14x9x9	\$0.25
48x16x16	.85	30x8x8	.25	11x8x6	.20
36x15x15	.60	16x12x6	.25		

BALES will be charged at actual cost.

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